

# PRESEKAR

**PRODAJA IN SERVIS OPREME**

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INVEST IN THE FUTURE

[www.presekar.eu](http://www.presekar.eu)

# CHARGE

## Polnilniki in starter boosterji



CHARGERS - BATTERY SUPPORT UNITS - BOOSTERS - STARTERS  
TESTERS - PORTABLE ENERGY - JUMPER CABLES - EV CHARGING - ACCESSORIES

2025 A

## A solid manufacturing group



900 people

C1+

Credit Rating  
Banque de France



€ 140 000 000



55 000 m<sup>2</sup>  
2 factories



FRENCH MANUFACTURER  
SINCE 1964

## A family company



Nicolas & Bruno  
Bouygues



## Global coverage

125 countries

## 3 catalogues

3 500+ references



MMA/SAW  
TIG/GTAW  
MIG-MAG/GMAW-FCAW  
Plasma cutting  
Induction heating  
Stud welding  
Spot welding  
Accessories  
Protection  
Consumables



Spot welding  
Dent pulling  
MIG-MAG/GMAW-FCAW  
Plasma cutting  
Induction heating  
Riveting  
Lifting  
Bodyshop tools



Chargers  
Battery support units  
Boosters  
Starters  
Testers  
Portable energy  
Jumper cables  
EV charging  
Accessories



**GYS FRANCE - HEADQUARTERS**  
Laval



**GYS LOGISTIC CENTER**  
Laval



**GYS GERMANY**  
Aachen



**GYS U.K.**  
Rugby



**GYS CHINA**  
Shanghai



**GYS ITALIA**  
Venezia



**GYS IBERICA**  
Madrid

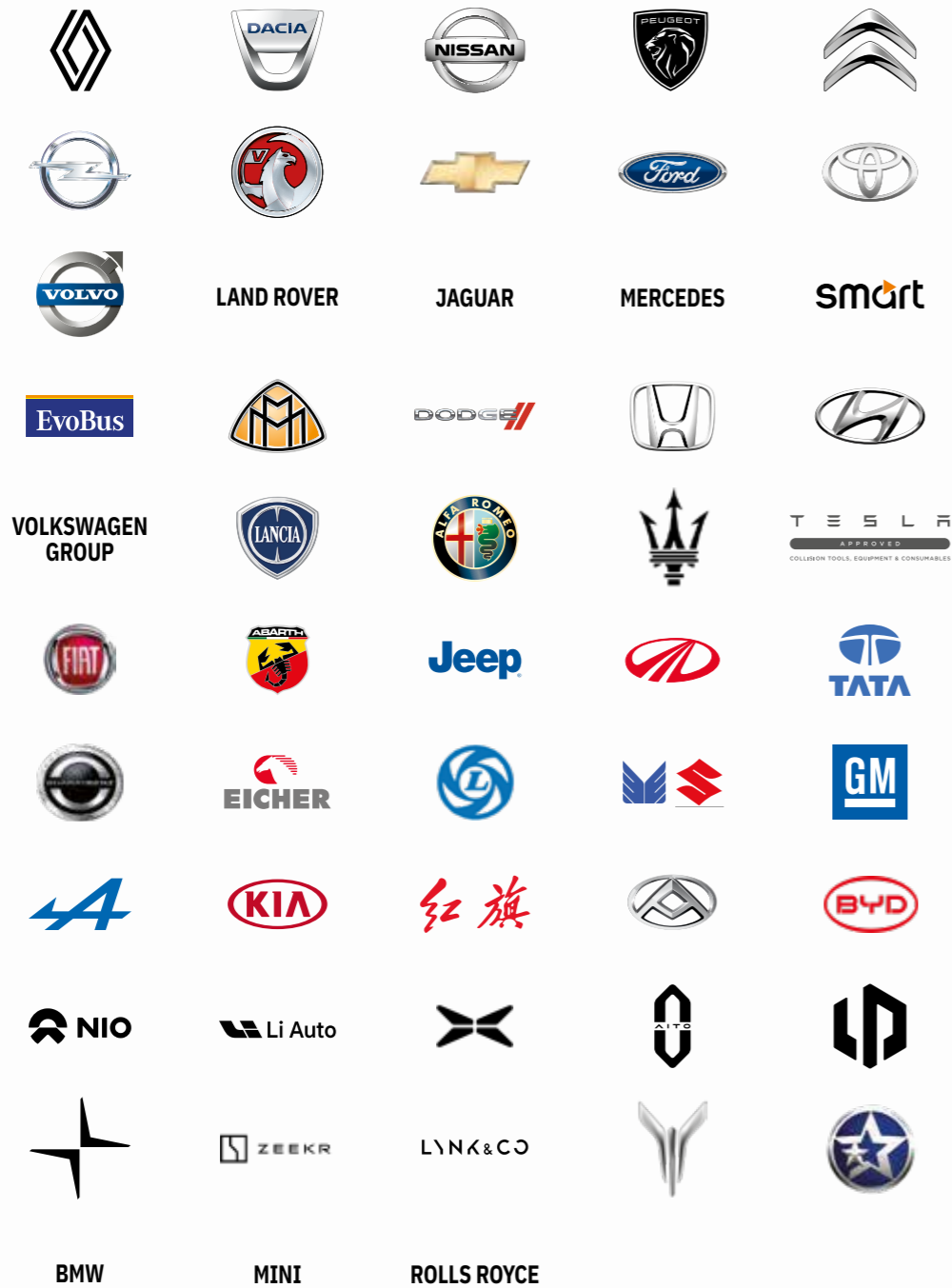
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★★★★★ **THEY TRUST US** ★★★★★

ILS NOUS FONT CONFIANCE



# CHARGERS & BATTERY SUPPORT UNIT

6 - 12 - 16 - 24 - 36 - 48 V

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GYSFLASH TECHNOLOGY

SSM

Save and load settings. Automatic restart in case of power cut.  
 Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.  
 Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

START STOP

Start/stop Engine :  
 Compatible with Start/Stop vehicles.  
 Compatible véhicules Start/Stop.  
 Geeignet für START-STOP- Fahrzeuge.

CAN BUS

Can Bus ready: compatible with Can Bus Technology, the Gysflash can be connected to the motorcycle 12V socket (cable is optional).

Can bus ready : compatible avec la technologie Can Bus, le Gysflash se branche directement sur la prise 12 V de la moto (câble en option).

Can-Bus Ready: Mit der Can-Bus Technologie kompatibel. Das GYSFLASH wird direkt an den 12V-Anschluss des Motorrads angeschlossen (Kabel optional).

Auto Recovery

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

Cold charge

"Cold charge" mode: performance-enhancing charging mode for cold or freezing weather conditions.

Mode "Cold charge": optimisation des performances en cas de temps froid ou de gel.

-Cold Charge--Modus: Leistungsoptimierung bei kaltem Wetter oder bei Frost.

Temperature

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

Power supply mode

Power supply mode: Optimum floating charge, ideal for use during battery change to protect vehicle memory.  
 Also for when the vehicle is not in use for extended periods or for demonstration use.

Source d'énergie : mode de maintien optimal de l'état de charge. Idéal pour les véhicules en hivernage, de démonstration, ou pour le remplacement de batterie.

Energiequelle: Aufrechterhaltung des Batteriezustands. Ideal für Saison-, Ausstellungsfahrzeuge oder bei Batteriewechsel.

# CHARGERS Pb



## 12V

### GYSFLASH 1.12

**1 A**

GO > 2 V SSM START STOP CAN BUS

7 STEP



029361

### GYSFLASH 4.12 & 4.12S

**0.8/4 A**

GO > 2 V SSM START STOP CAN BUS

Cold charge 7 STEP



4.12 029422 : 029514

4.12S (110 V) 069190 : 072701 072817

### GYSFLASH 6.12

**0.8/6 A**

GO > 2 V SSM START STOP CAN BUS

Cold charge REFRESH 8 STEP



029378

### GYSFLASH 8.12

**8 A**

GO > 2 V SSM START STOP CAN BUS

Cold charge REFRESH 8 STEP



029385

### GYSFLASH 12.12

**12 A**

GO > 2 V SSM START STOP CAN BUS

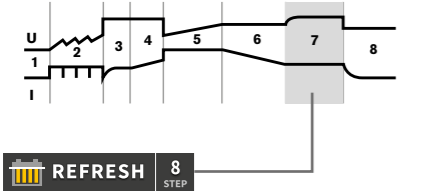
Temperature Cold charge REFRESH 8 STEP



029392

## SMART CHARGE 7 / 8 STEP

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



Rebalancing of the battery cells for greater longevity (not available on all models).  
 Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).  
 Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

**110V**

✓ Japan ✓ USA ✓ Brazil

**GYSFLASH 4.12 S**  
**GYSFLASH 1.12 PL S**

PATENTS REGISTERED NUMBERS  
 002280008 & 002279927  
 EUROPEAN TRADEMARK & DESIGN

	50 / 60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	Volume		
<b>GYSFLASH 1.12</b>	220-240 V AC	1 m	18 W	<b>1 A</b>	<b>12 V</b>	2 > 32 Ah	2 > 100 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	IP 65	0.44 kg	13 × 8 × 3.8 cm	30 × 15.5 × 6 / 0.6
<b>GYSFLASH 4.12</b>	220-240 V AC	2 m	70 W	<b>0,8/4 A</b>	<b>12 V</b>	1.2 > 90 Ah	1.2 > 130 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	IP 65	0.69 kg	17 × 9 × 5.1 cm	34.5 × 17.9 × 36.2 / 0.89
<b>GYSFLASH 4.12S</b>	100-127 V AC														
<b>GYSFLASH 6.12</b>	220-240 V AC	2 m	90 W	<b>0,8/6 A</b>	<b>12 V</b>	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	IP 65	0.77 kg	19 × 10 × 5.2 cm	36 × 19.5 × 7 / 1
<b>GYSFLASH 8.12</b>	220-240 V AC	2 m	130 W	<b>8 A</b>	<b>12 V</b>	15 > 160 Ah	15 > 240 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	IP 65	0.85 kg	19 × 10 × 5.2 cm	36 × 19.5 × 7 / 1
<b>GYSFLASH 12.12</b>	220-240 V AC	2 m	195 W	<b>12 A</b>	<b>12 V</b>	20 > 250 Ah	20 > 330 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 steps	IP 65	1.1 kg	22.1 × 11.1 × 5.8 cm	36.4 × 20 × 6.8 / 1.3

DESIGN GYS FRANCE  
 MADE IN GYS CHINA



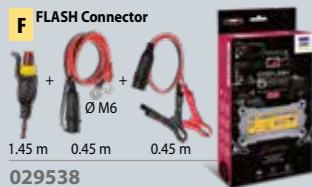
# CHARGERS Pb



## HERITAGE • 6/12V

GYSFLASH 6 HERITAGE

0.8/6 A



029538

YouTube



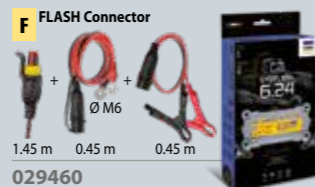
PLAYLIST  
GYSFLASH



## 6/12/24V

GYSFLASH 6.24

0.8/6 A



029460  
029644

GYSFLASH 9.24

9 A



029477  
029651

## GYSFLASH TECHNOLOGY



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Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.  
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.



Start/stop Engine :  
Compatible with Start/Stop vehicles.  
Compatible véhicules Start/Stop.  
Geeignet für START-STOP- Fahrzeuge.



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Can bus ready : compatible avec la technologie Can Bus, le Gysflash se branche directement sur la prise 12 V de la moto (câble en option).  
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Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.  
Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.  
Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

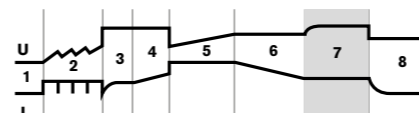


Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.  
Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.  
Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

## SMART CHARGE 7 STEP / 8 STEP / 8 STEP LiFePO4

Pb

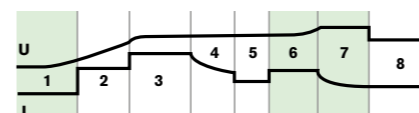
- Status analysis
- Recovery
- Test desulfation
- Desulfation
- Fast charge 80%
- Absorption
- Refresh (for "8 step" only)
- Floating 100%



Rebalancing of the battery cells for greater longevity (not available on all models).  
Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).  
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

LiFePO4 (LFP)

- UVP Wake up - Status analysis
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%



UVP Wake up (Under Voltage Protection)  
Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP.  
Reaktivierung der Batterie mit UVP-Schutz.

Equalizing Balancing System  
Balancing of the battery cells.  
Équilibrage des cellules.  
Ausgleich der Batteriezellen.



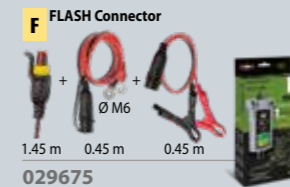
# CHARGERS LiFePO4



## 12V

GYSFLASH 1.12 Lithium

1 A



029675

GYSFLASH 6.12 Lithium

4/6 A



029729

DESIGN  
GYS FRANCE  
MADE IN  
GYS CHINA

	50 / 60 Hz	Power	I charge	V	Charge	Maintenance	Zz	Ondulatio / Ripple	Charging curve	IP	Weight	Dimensions	Volume
GYSFLASH 1.12 Lithium	220-240 V AC	18 W	1 A	12 V	0.5 > 20 Ah	0.5 > 50 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 step	0.44 kg	13 x 8 x 3.8 cm	29.7 x 15 x 5.7 / 0.6
GYSFLASH 6.12 Lithium	220-240 V AC	90 W	4/6 A	12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 step	0.77 kg	19 x 10 x 5.2 cm	36.5 x 19.5 x 7 / 1



# CHARGERS Pb / LiFePO<sub>4</sub>



**OPTION**  
Gysflash 18.12 PL,  
30.12 PL, 20.12/24 PL,  
10.36/48 PL

**Magnetfix 20**  
026063



x4

12V

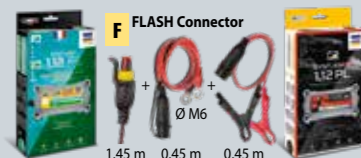
12/24V

### GYSFLASH 1.12 PL & 1.12 PL S

**1A**

GO > 7V | SSM | START STOP | CAN BUS

7 STEP Pb | 8 STEP LiFePO<sub>4</sub>

**1.12 PL**  
026902  
027541

**1.12 PL S (110 V)**  
070851  
072794  
072824

### GYSFLASH 8.12 PL

**1/4 / 8A**

GO > 2V | SSM | START STOP | CAN BUS

7 STEP Pb | 8 STEP LiFePO<sub>4</sub>





069282

### GYSFLASH 18.12 PL

**7/12 / 18A** GO > 2V

GO > 2V | SSM | START STOP

t° | 7 STEP Pb | 8 STEP LiFePO<sub>4</sub>




026926

### GYSFLASH 30.12 PL

**7/15 / 30A**

GO > 2V | SSM | START STOP

t° | 7 STEP Pb | 8 STEP LiFePO<sub>4</sub>





029668  
026070

### GYSFLASH 20.12/24 PL

**7/15 / 20A**

GO > 2V | SSM | START STOP

t° | 7 STEP Pb | 8 STEP LiFePO<sub>4</sub>




026049  
027558

DESIGN GYS FRANCE	MADE IN GYS CHINA	MADE IN FRANCE	50 / 60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	Volume	
GYSFLASH 1.12 PL	GYSFLASH 1.12 PL S	GYSFLASH 1.12 PL	220-240 V AC	20 W	1 A	12 V	2 > 32 Ah (Pb) 0.5 > 20 Ah (LiFePO <sub>4</sub> )	2 > 100 Ah (Pb) 0.5 > 50 Ah (LiFePO <sub>4</sub> )	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 65	0,69 kg	17 × 9 × 5.1 cm	33 × 17.5 × 6 / 0.8
GYSFLASH 8.12 PL	GYSFLASH 8.12 PL	GYSFLASH 8.12 PL	220-240 V AC	130 W	1/4/8 A	12 V	15 > 160 Ah (Pb) 1.2 > 160 Ah (LiFePO <sub>4</sub> )	15 > 240 Ah (Pb) 1.2 > 240 Ah (LiFePO <sub>4</sub> )	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 65	0,85 kg	19 × 10 × 5.2 cm	—
GYSFLASH 18.12 PL	GYSFLASH 18.12 PL	GYSFLASH 18.12 PL	220-240 V AC	300 W	7/12/18 A	12 V	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO <sub>4</sub> )	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO <sub>4</sub> )	<0.5 Ah/month	<100 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 31	1,55 kg	19 × 19 × 7.3 cm	30 × 22 × 9 / 1.9

DESIGN GYS FRANCE	MADE IN GYS CHINA	MADE IN FRANCE	50 / 60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	Volume	
GYSFLASH 30.12 PL	GYSFLASH 30.12 PL	GYSFLASH 30.12 PL	220-240 V AC	500 W	7/15/30 A	12 V	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO <sub>4</sub> )	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO <sub>4</sub> )	<0.5 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 31	1,85 kg	19 × 19 × 7.3 cm	30 × 22 × 9 / 2.2
GYSFLASH 20.12/24 PL	GYSFLASH 20.12/24 PL	GYSFLASH 20.12/24 PL	220-240 V AC	500 W	7/15/20 A 7/15 A 24 V	12 V 24 V	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO <sub>4</sub> ) 15 > 240 Ah (Pb) 7 > 240 Ah (LiFePO <sub>4</sub> )	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO <sub>4</sub> ) 15 > 240 Ah (Pb) 7 > 240 Ah (LiFePO <sub>4</sub> )	<1 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 31	1,85 kg	19 × 19 × 7.3 cm	30 × 22 × 8.5 / 2.2

## GYSFLASH TECHNOLOGY

### SSM

Save and load settings. Automatic restart in case of power cut.

Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

### START STOP

**Start/stop Engine :**  
Compatible with Start/Stop vehicles.  
Compatible véhicules Start/Stop.  
Geeignet für START-STOP- Fahrzeuge.

### Auto Recovery

**Auto Recovery :** Recovers deeply discharged (min 2V) and/or sulfated batteries.

**Auto Recovery :** Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

**Auto Recovery:** Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

### t°

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

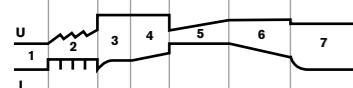
Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

## SMART CHARGE 7 / 8 STEP

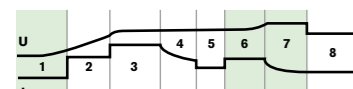
### Pb

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Floating 100%



### LiFePO<sub>4</sub> (LFP) / Li-ion

1. UVP Wake up
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



**UVP Wake up (Under Voltage Protection)**  
Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP.  
Reaktivierung der Batterie mit UVP-Schutz.

**Equalizing Balancing System**  
Balancing of the battery cells.  
Équilibrage des cellules.  
Ausgleich der Batteriezellen.

## GYSFLASH Pb / LITHIUM

# CHARGER Pb / LiFePO<sub>4</sub>

INTENSIVE



SC SMART COOLING TECHNOLOGY

100% DUST PROOF



SILENT

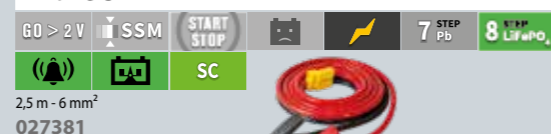
IP 23

INDOOR / OUTDOOR

12V

GYSFLASH 32.12 PL

7/15 / 30 A



2,5 m - 6 mm<sup>2</sup>  
027381

## GYSFLASH Pb

# CHARGER Pb

INTENSIVE



SHOCK RESISTANT

IP 65

INDOOR / OUTDOOR

12/24V

GYSFLASH 15.24 XTREM

15 A



5 m - 4 mm<sup>2</sup>  
025813

**ROBUST & SAFE**  
2 pts connection

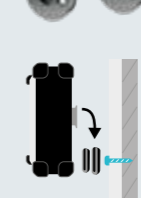
Double insulation



included for Gysflash 15.24 XTREM 028760

### INCLUDED

**Fixing kit**  
for Gysflash 32.12 PL, 15.24 XTREM



### OPTIONS

NATO CONNECTOR 026780

2 pts/NATO 5 m - 4 mm<sup>2</sup> 025837

2 pts/NATO Spiral 5 m 028968

2 pts/DIN 1490 Emergency vehicle 5 m 028777

MADE IN FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50/60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	L x W x H cm / kg
	<b>GYSFLASH 32.12 PL</b>	230V	500W	7/15/30 A	12V	10 · 400 Ah	<0.5 Ah/month	<150 mV Rms	IUoU	IP 23	4,7 kg	8 × 25 × 20 cm	36 × 27,5 × 20,5 / 4,6	
	<b>GYSFLASH 15.24 XTREM</b>	230V	500W	7/10/15 A	12/24V	5 · 240 Ah	<1 Ah/month	<150 mV Rms	IUoU	IP 65	5,4 kg	7,5 × 25 × 21 cm	27 × 20 × 36 / 5,4	

## GYSFLASH TECHNOLOGY

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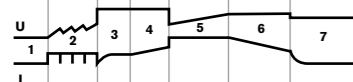
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## SMART CHARGE

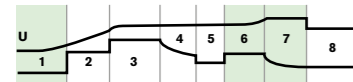
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4. Desulfation
5. Fast charge 80%
6. Absorption
7. Floating 100%



### LiFePO<sub>4</sub> (LFP) / Li-ion

1. UVP Wake up - Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



**UVP Wake up (Under Voltage Protection)**  
Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP.  
Reaktivierung der Batterie mit UVP-Schutz.

**Equalizing Balancing System**  
Balancing of the battery cells.  
Équilibrage des cellules.  
Ausgleich der Batteriezellen.

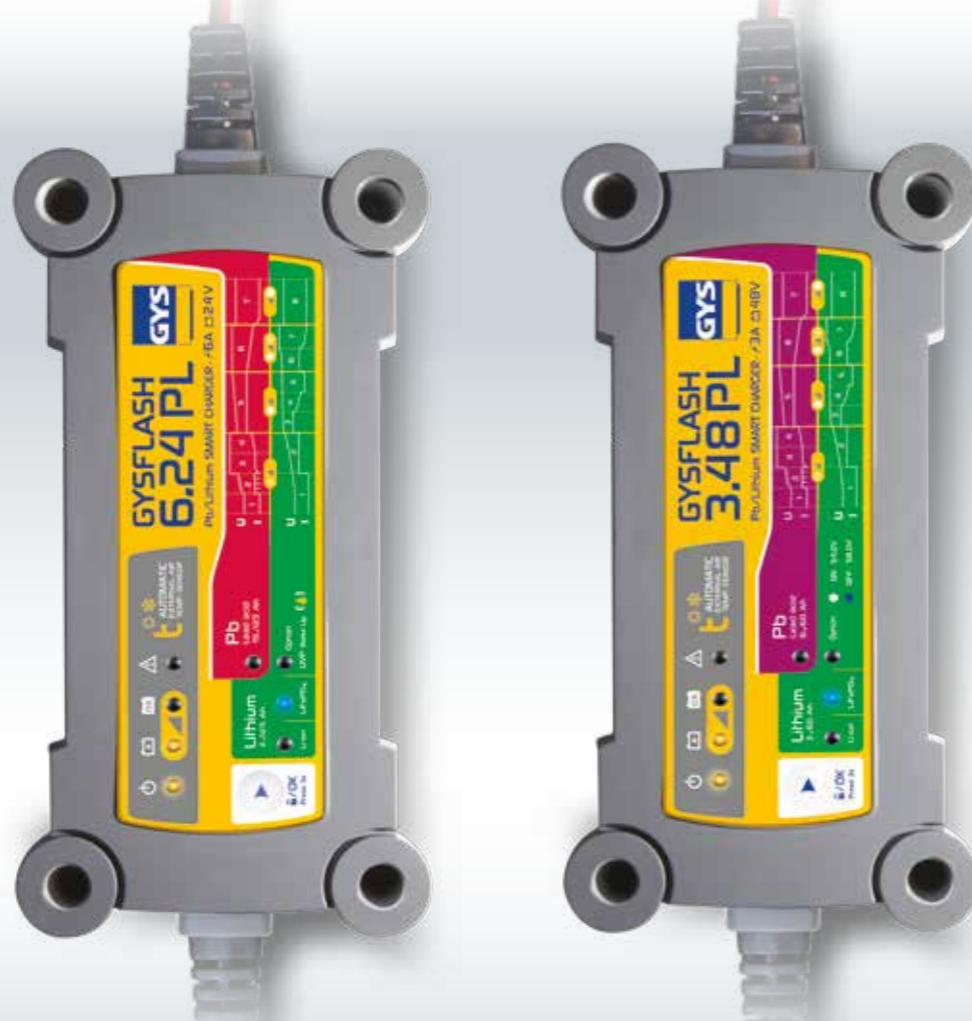


## GYSFLASH Pb / LITHIUM

# ELECTRO MOBILITY CHARGERS

# Pb / Lithium

LiFePO<sub>4</sub> / Li-ion / Li-Po / NMC / LCO / MCO / NCA...



## 24 V • ELECTRICAL MOBILITY

### GYSFLASH 6.24 PL

**6 A** GO > 2 V

GO > 2 V SSM

7 STEP Pb 8 STEP LiFePO<sub>4</sub> 8 STEP Li-ion

SAE Connector

1.45 m 0.45 m 0.45 m

027398



## 48 • INDUSTRY / ELECTROMOBILITY

### GYSFLASH 3.48 PL

**3 A** GO > 5 V SSM

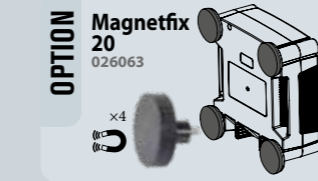
GO > 5 V SSM

7 STEP Pb 8 STEP LiFePO<sub>4</sub> 8 STEP Li-ion

SAE Connector

1.45 m 0.45 m

027893



**OPTION Magnetfix 20**  
026063



## 36 / 48 • INDUSTRY / ELECTROMOBILITY

### GYSFLASH 10.36/48 PL

**10 A** GO > 5 V SSM

GO > 5 V SSM

7 STEP Pb 8 STEP LiFePO<sub>4</sub> 8 STEP Li-ion

ANDERSON Connector

1.9 m (4 mm<sup>2</sup>)

027060



DESIGN GYS FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz	Power	I <sub>charge</sub>	V	n cell			Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	L x W x H cm / kg	
						Pb	LFP	NMC										
MADE IN GYS CHINA	GYSFLASH 6.24 PL	220-240 V AC	2 m	190 W	6 A	24V	12	8	6	15 > 125 Ah (Pb) 2 > 125 Ah (Li)	15 > 170 Ah (Pb) 2 > 170 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	22.1 x 11.1 x 5.8 cm / 1.4
							12	15/16	13/14	6 > 60 Ah (Pb) 3 > 60 Ah (Li)	6 > 60 Ah (Pb) 3 > 60 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	22.1 x 11.1 x 5.8 cm / 1.2
MADE IN FRANCE	GYSFLASH 10.36/48 PL	220-240 V AC	2 m	500 W	10 A	36V	18	12	9	20 > 230 Ah (Pb) 10 > 230 Ah (Li)	20 > 230 Ah (Pb) 10 > 230 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 31	1,85 kg	19 x 19 x 7.3 cm / 2
							18	15/16	13/14	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 31	1,85 kg	19 x 19 x 7.3 cm / 2

## ELECTROMOBILITY

### MOBILITY



### OUTDOOR



### MEDICAL



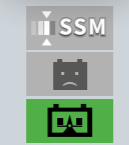


# CHARGERS ON BOARD

**Pb** ✓ NMC / LCO / MCO / NCA...  
**Lithium** ✓ LiFePO4 / Li-ion / Li-Po



BROCHURE  
**GYSFLASH 18.12 PL-E**



### INCLUDED



Ø 5.5 mm  
 GYSFLASH 18.12 PL-E, 15.24 PL-E, 8.48 PL-E  
 Fixing Kit

### PFC POWER FACTOR CORRECTION

185 V ↔ 265 V



### OPEN & CONNECT

cables not included

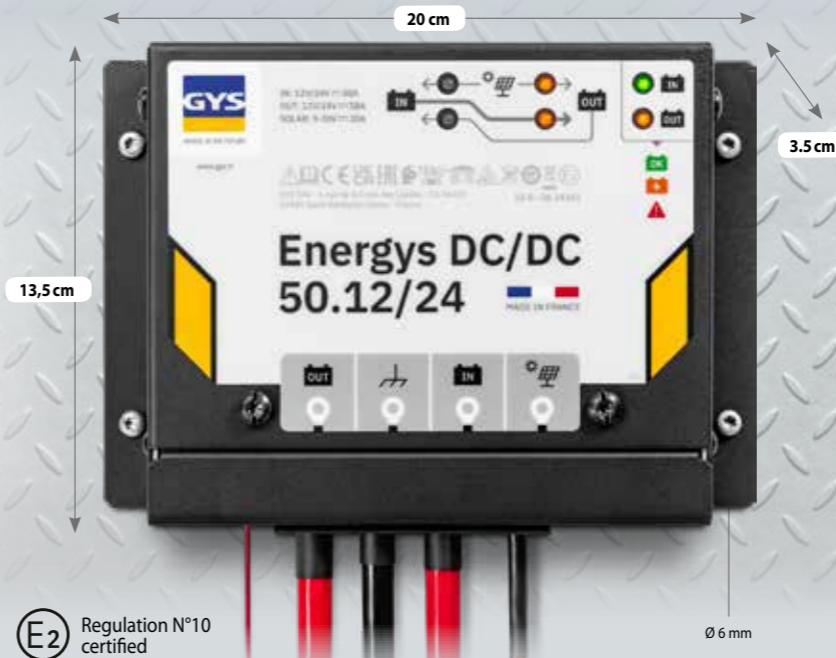


4 pts connector included 3G 0.75 x 2.5 mm<sup>2</sup>  
 3 pts connector included max 2.5 mm<sup>2</sup> or AWG14

# DC · DC CONVERTER REVERSIBLE

**Pb** ✓ Liquid / Gel, AGM  
**Lithium** ✓ LiFePO4

**NEW**  
 01 2025



E2 Regulation N°10 certified

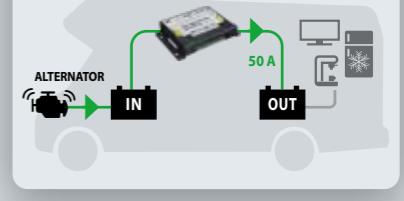
**ENERGY DC/DC 50.12 / 24**  
**50 A**

072534

Bat. input		Bat. output		Solar input	EFFICIENCY	Zz	mm	g
U	I max	U	I max	U <sub>MPPT</sub> I max				
12/24V	50A	12/24V	50A	9-30V 20A	98%	<2.5 mA	135 x 35 x 200	560

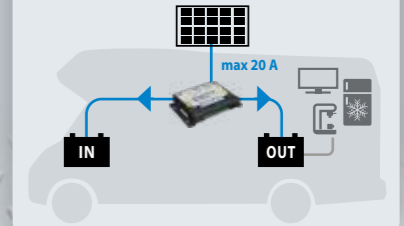
### EURO 6 STANDARD

Vehicle started



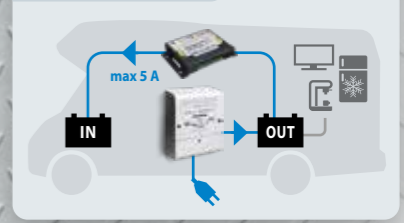
### SOLAR REGULATOR

MPPT integrated (Max Power Point Tracker)



### REVERSIBLE CHARGE (Over-wintering)

WITH GYSFLASH vehicle stopped



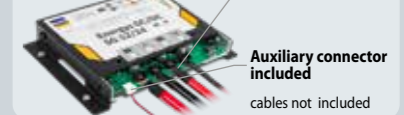
### MORE OUTPUT POWER

PARALLEL CHARGING



### OPEN & CONNECT

Terminals included



Auxiliary connector included  
 cables not included



12V		24V		48V	
GYSFLASH 18.12 PL-E	GYSFLASH 30.12 PL-E	GYSFLASH 15.24 PL-E	GYSFLASH 8.48 PL-E		
<b>18 A</b>	<b>30 A</b> COMING SOON	<b>15 A</b>	<b>8 A</b>		
Pb / LFP 025806	Pb / LFP	Pb / Traction / LFP / Li-ion 025943	Pb / Traction / LFP / Li-ion 025950		

### SMART CHARGE

**Pb**

- Status analysis
- Recovery
- Test desulfation
- Desulfation
- Fast charge 80%
- Absorption
- Floating 100%

**LiFePO4 (LFP) / Li-ion**

- Status analysis
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

**Pb TRACTION**

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**UVP Wake up (Under Voltage Protection)**  
 Battery reactivation when in UVP protection.  
 Réactivation de la batterie en protection UVP.  
 Reaktivierung der Batterie mit UVP-Schutz.

**Equalizing Balancing System**  
 Balancing of the battery cells.  
 Équilibrage des cellules.  
 Ausgleich der Batteriezellen.

### GYSFLASH PL-E TECHNOLOGIES

**SSM** Save and load settings. Automatic restart in the event of a power cut.  
 Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.  
 Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

**Auto Recovery** : Recovers deeply discharged (min 2V) and/or sulfated batteries.  
 Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.  
 Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

### SPECIAL PROJECT - CONTACT US

Contact us for special projects. Quick customization : CAN BUS / CAN Open / J1939 / NMEA 2000 / R5485 / SM BVS / Automation / Relays...

**SC SMART COOLING TECHNOLOGY**

**100% DUST PROOF**

**SILENT**

**ALU RUST PROTECTION**

**ULTRA LIGHTWEIGHT**

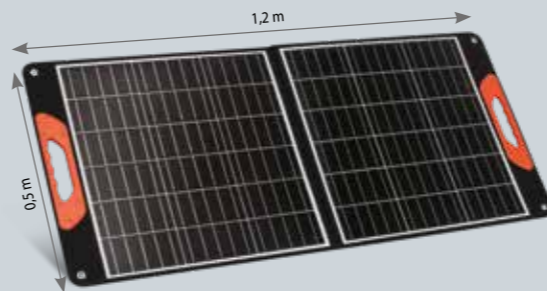
**VIBRATION & SHOCK RESISTANT**

**HIGH EFFICIENCY** Up to 15% Energy Saving  
**93%**

**EMC class B**

**-25 / +60°C**

# ACCESSORIES



foldable

### Solar panel

monocrystalline - ETFE quality  
**18V - 100 W max**  
 OUTPUT  
 USB 1 : 5V/3A  
 USB 2 : 5V/3A ; 9V/2A ; 12V/1.5A  
 Type C : 5V/3A ; 9V/2A ; 12V/1.5A  
 Jack : 18V/5.6A max  
 compatible with Energys DC/DC 50.12/24

079410



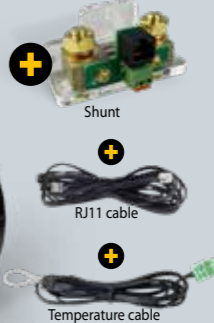
**Battery monitor** - Moniteur de batterie - Schlagzeugmonitor - Monitor de batería - Monitoraggio della batteria - Monitor baterii

12/24/36/48 V

**Data analysis** : Charge/discharge current (0-500A), Voltage (V), Temperature (°C), Input/output power (W), Remaining capacity (Ah)

**Security detection** : Overvoltage/ Undervoltage, Overcurrent, Overheating

082557



**Battery coupler** - Coupleur de batteries - Acoplador de batería - Batteriekoppler - Innesso batteria - Separatore accumulatore

12 V - 140 A  
 Pb battery only  
 Euro 6 not compatible

082564

MADE IN FRANCE	50 / 60 Hz	START MINI	I max	25°C @ 100%	40°C @ 100%	50°C @ 100%	60°C @ 100%	Zz		Ondulation/ Ripple	IP	g	mm	L x W x H cm / kg				
								Pb	LFP									
<b>GYSFLASH 18.12 PL-E</b>	230V	12V	300W	2V	18 A	18 A	16 A	14 A	12.5 A	36 > 270 Ah	18 > 270 Ah	<0.4 Ah /month	<0.4 Ah /month	<150 mV Rms	20	1.3 kg	21.5 x 17.5 x 7 cm	30 x 27 x 13 / 1.7
<b>GYSFLASH 30.12 PL-E</b>	230V	12V	500W	2V	30 A	30 A	27 A	23 A	18 A	60 > 400 Ah	30 > 400 Ah	<0.4 Ah /month	<0.4 Ah /month	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm	—
<b>GYSFLASH 15.24 PL-E</b>	230V	24V	500W	2V	15 A	15 A	13.5 A	11.5 A	9 A	30 > 240 Ah	15 > 240 Ah	<0.4 Ah /month	<0.4 Ah /month	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm	29 x 13 x 27 / 2
<b>GYSFLASH 8.48 PL-E</b>	230V	48V	500W	2V	8 A	8 A	6 A	4.5 A	3.5 A	15 > 160 Ah	8 > 160 Ah	<0.4 Ah /month	<0.4 Ah /month	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm	—



BSU

# BATTERY SUPPORT UNIT

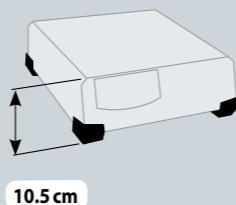
Battery support for:

- ✓ Diagnostics
- ✓ ECU programming
- ✓ ADAS recalibration

YouTube



PLAYLIST  
GYSFLASH  
PRO



10.5 cm

PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE



22 languages

- GB DK CZ
- FR FI PL
- DE TR SK
- NL HR UA
- ES GR
- PT HU
- IT CN simplified
- RU CN traditional
- SE JP

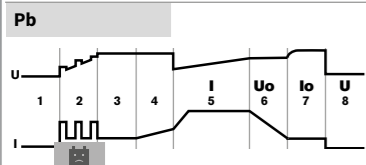
### SC SMART COOLING TECHNOLOGY

100% DUST PROOF



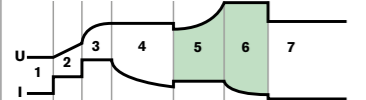
SILENT

### SMART 8 STEP



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh
8. Floating 100%

### LiFePO<sub>4</sub> 7 steps



1. Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Completion
6. Equalization
7. Floating 100%

### CHARGE

#### Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT

#### Pb TRACTION

- ✓ GEL
- ✓ LIQUID

#### LITHIUM READY

- ✓ LFP/LiFePO<sub>4</sub>

### BSU

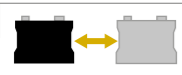
#### DIAG +



#### SHOWROOM



#### CHANGE BATTERY



#### POWER SUPPLY



**12 V**

<b>GYSFLASH 30.12</b> 30 A PFC SC 2,5 m - 6 mm <sup>2</sup> 029224	<b>GYSFLASH 50.12 FV</b> 50 A PFC FV SC 2,5 m - 10 mm <sup>2</sup> 026056	<b>GYSFLASH 100.12</b> 100 A PFC SC 2,5 m - 16 mm <sup>2</sup> 029071 029453 5 m - 16 mm <sup>2</sup> 029415 029002 082304
--	---	---

**6 / 12 / 24 V**

<b>GYSFLASH 30.24</b> 30 A PFC SC 2,5 m - 6 mm <sup>2</sup> 029231	<b>GYSFLASH 50.24</b> 50 A PFC SC 2,5 m - 10 mm <sup>2</sup> 029095 5 m - 10 mm <sup>2</sup> 029620
--	---

**12 V**

<b>GYSFLASH 102.12</b> 100 A PFC SC 5 m - 16 mm <sup>2</sup> 029606 082311	<b>INCLUDED</b> Fixing kit for Gysflash 102.12
---	---



ACCESSORIES p.38

MADE IN FRANCE	50 / 60 Hz	V L	mm <sup>2</sup>	START MINI	I max	25°C @ 100%	40°C @ 100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	Weight	Dimensions	L x W x H cm / kg			
<b>GYSFLASH 30.12</b>	185 > 265V	2,5 m	6	12V	540W	2V	30 A	30 A	30 A	10 · 400 Ah	—	Ø M6	21	4.9 kg	25.5 × 10.5 × 23 cm	41.4 × 25 × 31.1 / 4.9
<b>GYSFLASH 50.12 FV</b>	85 > 265V	2,5 m	10	12V	850W	2V	50 A	50 A	40 A	10 · 600 Ah	—	Ø M6	21	6.6 kg	30 × 10.5 × 29 cm	40 × 24 × 30 / 6.6
<b>GYSFLASH 100.12</b>	185 > 265V	2,5 m / 5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 · 1200 Ah	—	Ø M6	21	7.4 kg / 8.3 kg	32 × 10.5 × 29.2 cm	31 × 25 × 41 / 7.4
<b>GYSFLASH 30.24</b>	185 > 265V	2,5 m	6	6V / 12V / 24V	540 W	2V	30 A	30 A	30 A	10 · 400 Ah	•	Ø M6	21	4.9 kg	25.5 × 10.5 × 23 cm	41.5 × 24.3 × 31 / 4.9
<b>GYSFLASH 50.24</b>	185 > 265V	2,5 m / 5 m	10	6V / 12V / 24V	1600 W	2V	50 A	50 A	45 A	10 · 600 Ah	•	Ø M6	21	6.6 kg / 7.9 kg	30 × 10.5 × 29.2 cm	41 × 24.5 × 31 / 6.6
<b>GYSFLASH 102.12</b>	185 > 265V	5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 · 1200 Ah	—	Ø M6	21	9.1 kg	12 × 34.5 × 29.5 cm	24 × 40 × 30 / 9.1



# BSU BATTERY SUPPORT UNIT

- Battery support for:
- ✓ Diagnostics
  - ✓ ECU programming
  - ✓ ADAS recalibration

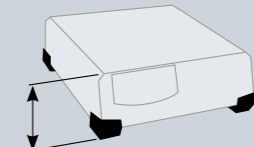
**CNT**  
Connected Technology  
**FULLY CUSTOMIZABLE**  
p.34

**FV** FLEXIBLE VOLTAGE  
85 V ← 265 V

**PFC** POWER FACTOR CORRECTION

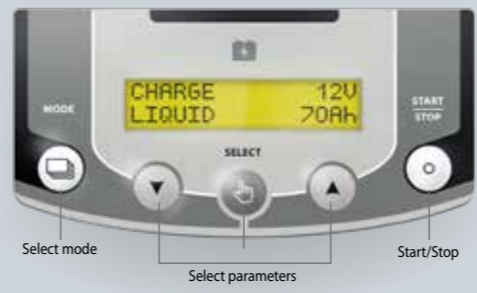
**16 V** COMPATIBLE WITH 16V BATTERIES

- 22 languages**
- GB RU GR CN simplified
  - FR SE CZ CN traditional
  - DE DK PL JP
  - NL FI SK UA
  - ES TR HR
  - PT HU

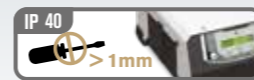


10.5 cm  
51.12 CNT  
101.12 CNT

13 cm  
121.12 CNT FV  
125.12CNT FV  
101.24 CNT FV  
51.48 CNT FV



12 V (factory preset)  
16/24 V READY  
Use custom configuration tool (detail p.34)



### GYSFLASH 51.12 CNT FV

**50 A**

PFC FV SC CNT  
2,5 m - 10 mm<sup>2</sup>  
068179



### GYSFLASH 101.12 CNT FV

**100 A**

PFC FV SC CNT  
2,5 m - 16 mm<sup>2</sup>  
025790  
5 m - 16 mm<sup>2</sup>  
026988



### 12 V

### GYSFLASH 121.12 CNT FV

**120 A**

PFC FV CNT  
5 m - 25 mm<sup>2</sup>  
026971  
UK: 027756 US: 071605 AU: 082298  
no accessories  
I: 027923



### GYSFLASH 125.12 CNT FV

**120 A** 120 A @ 100%

PFC FV CNT  
5 m - 25 mm<sup>2</sup>  
028883  
I: 082274



### 6 / 12 / 16 / 24 V

### GYSFLASH 101.24 CNT FV

**100 A**

PFC FV CNT  
16 V ✓  
5 m - 25 mm<sup>2</sup>  
025967



### 6 / 12 / 16 / 24 / 36 / 48 V

### GYSFLASH 51.48 CNT FV

**50 A**

PFC FV CNT  
16 V ✓  
5 m - 10 mm<sup>2</sup>  
072015



**SC**

**SMART COOLING TECHNOLOGY**

**100% DUST PROOF**

**SILENT**

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO<sub>4</sub>**

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

Equalizing Balancing System 100% Perfect charge

**CHARGE (150 CURVE CAPACITY)**

**Pb AUTOMOTIVE**

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

**Pb TRACTION**

- ✓ GEL
- ✓ LIQUID
- ✓ and more

**LITHIUM**

- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

**BSU (10 CURVE CAPACITY)**

**DIAG +**

**SHOWROOM**

**CHANGE BATTERY**

**POWER SUPPLY**

**AND MORE**

**TEST**

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

**STARTER**

- ✓ START

**CNT**

**Connected Modules & Technology**  
p.36

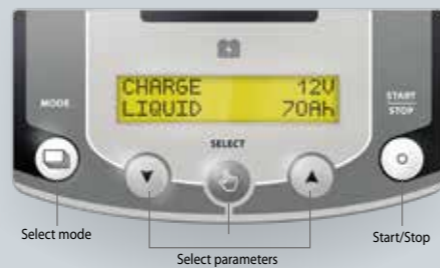
MADE IN FRANCE	50/60 Hz	mm <sup>2</sup>	START MINI	I max	25°C @100%	40°C @100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	kg	L x W x H cm / kg					
<b>GYSFLASH 51.12 CNT FV</b>	85 > 265 V	2,5 m	10	12V / 24V	850 W	1 V	50 A / 25 A	50 A / 25 A	40 A / 20 A	10 > 600 Ah / 10 > 300 Ah	•	Ø M6	41	6.8 kg	30 x 10.5 x 29 cm	38.5 x 22 x 40.5 / 6.8
<b>GYSFLASH 101.12 CNT FV</b>	85 > 265 V	2,5 m	16	12V	1600 W	1 V	110 V : 100 A / 230 V : 100 A	50 A / 75 A	50 A / 66 A	20 > 1200 Ah	•	Ø M6	21	7.5 kg / 8.3 kg	32 x 10.5 x 29.2 cm	38.5 x 20 x 40.5 / 7.5 35.5 x 23 x 35 / 8.6
<b>GYSFLASH 121.12 CNT FV</b>	85 > 265 V	5 m	25	12V	2000 W	1 V	110 V : 100 A / 230 V : 120 A	75 A / 110 A	55 A / 90 A	20 > 1500 Ah	•	Ø M6	20	10.4 kg	31 x 13 x 26 cm	35.5 x 23 x 35 / 10.4
<b>GYSFLASH 125.12 CNT FV</b>	85 > 265 V	5 m	25	12V	2000 W	1 V	110 V : 100 A / 230 V : 120 A	100 A / 120 A	77 A / 116 A	20 > 1500 Ah	•	Ø M6	40	10.9 kg	31 x 13 x 26 cm	38.5 x 22 x 40.5 / 10.9
<b>GYSFLASH 101.24 CNT FV</b>	85 > 265 V	5 m	25	6/12V / 24V	3200 W	1 V	110 V : 100 A / 230 V : 100 A	72 A / 89 A	47 A / 68 A	20 > 1200 Ah	•	Ø M6	20	10.6 kg	31 x 13 x 26 cm	38.5 x 22 x 40.5 / 10.6
<b>GYSFLASH 51.48 CNT FV</b>	85 > 265 V	5 m	10	6/12/24V / 36/48V	3200 W	1 V	110 V : 50 A / 230 V : 50 A	44 A / 49 A	21 A / 39 A	10 > 600 Ah	•	Ø M6	20	9 kg	31 x 13 x 26 cm	41 x 22 x 38.5 / 9



BSU

# BATTERY SUPPORT UNIT

- Battery support for:
- ✓ Diagnostics
  - ✓ ECU programming
  - ✓ ADAS recalibration



22 languages

- |    |    |    |    |    |    |    |                |
|----|----|----|----|----|----|----|----------------|
| GB | NL | IT | DK | HR | PL | UA | CN simplified  |
| FR | ES | RU | FI | GR | SK |    | CN traditional |
| DE | PT | SE | TR | CZ | HU |    | JP             |



12 V

6 / 12 / 16 / 24V

GYSFLASH 103.12 CNT FV

100 A

PFC FV SC CNT

5 m - 16 mm<sup>2</sup>  
072008



GYSFLASH 123.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm<sup>2</sup>  
025677



GYSFLASH 53.24 CNT FV

50 A

PFC FV CNT SC 16 V

5 m - 10 mm<sup>2</sup>  
082540



GYSFLASH 103.24 CNT FV

100 A

PFC FV CNT 16 V

5 m - 25 mm<sup>2</sup>  
025684



**SC**

**SMART COOLING TECHNOLOGY**

100% DUST PROOF

**SILENT**

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO<sub>4</sub>**

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

Equalizing Balancing System 100% Perfect charge

**CHARGE (150 CURVE CAPACITY)**

**Pb AUTOMOTIVE**

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

**Pb TRACTION**

- ✓ GEL
- ✓ LIQUID
- ✓ and more

**LITHIUM**

- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

**BSU (10 CURVE CAPACITY)**

**DIAG +**

**SHOWROOM**

**CHANGE BATTERY**

**POWER SUPPLY**

**AND MORE**

**TEST**

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

**STARTER**

- ✓ START

**CNT**

**Connected Modules & Technology** p.36

**INCLUDED**

Fixing kit

**OPTIONS**

Magnetfix 50 029637

GYSFLASH PRO vertical wall mounting kit 082694

**CNT Connected Technology**

**FULLY CUSTOMIZABLE** p.34

**PFC POWER FACTOR CORRECTION**

**16 V COMPATIBLE WITH 16V BATTERIES**

**FV FLEXIBLE VOLTAGE**

85 V ← 265 V

MADE IN FRANCE	50/60 Hz	V	mm <sup>2</sup>	START MINI	I max	25°C @ 100%	40°C @ 100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	Weight	L x W x H cm / kg				
GYSFLASH 103.12 CNT FV	85 > 265V	5 m	16	12V	1600W	1V	110V : 100 A	50 A	50 A	20 > 1200 Ah	—	Ø M6	21	8,2 kg	34,5 × 29,5 × 12 cm	41 × 38,5 × 22 / 9,2
							230V : 100 A	75 A	66 A							
GYSFLASH 123.12 CNT FV	85 > 265V	5 m	25	12V	2000W	1V	110V : 100 A	100 A	85 A	20 > 1200 Ah	•	Ø M6	30	11 kg	34 × 25 × 15 cm	35,5 × 23,5 × 35 / 11
							230V : 50 A	120 A	120 A							
GYSFLASH 53.24 CNT FV	85 > 265V	5 m	10	6/12V	1600W	1V	50 A	110V : 40 A	110V : 27 A	10 > 600 Ah	•	Ø M6	21	5,8 kg	33,5 × 11 × 27 cm	41 × 38,5 × 22 / 11
				24V			110V : 25 A	110V : 27 A	110V : 22 A							
GYSFLASH 103.24 CNT FV	85 > 265V	5 m	25	6/12V	3200W	1V	110V : 100 A	100 A	68 A	20 > 1200 Ah	•	Ø M6	30	11 kg	34 × 25 × 15 cm	35 × 23 × 37 / 11
				24V			110V : 100 A	100 A	79 A							



GYSFLASH PRO CNT

BSU

# BATTERY SUPPORT UNIT

Battery support for:

- Diagnostics
- ECU programming
- ADAS recalibration

**CNT**  
Connected  
Technology

**FULLY  
CUSTOMIZABLE**  
p.34

**FV FLEXIBLE  
VOLTAGE**  
85 V ← 265 V

**PFC POWER FACTOR  
CORRECTION**

**16 V COMPATIBLE WITH  
16V BATTERIES**



**22 languages**

GB	NL	IT	DK	HR	PL	UA	CN simplified
FR	ES	RU	FI	GR	SK		CN traditional
DE	PT	SE	TR	CZ	HU		JP

## TRACTION



**NEW**  
01 2025

**19 languages**

GB	FI
FR	TR
DE	HR
NL	GR
ES	CZ
PT	PL
HU	SK
IT	UA
RU	
SE	
DK	

6 / 12 / 16 / 24V

GYSFLASH 107.24 CNT FV

**100 A**

PFC FV CNT 16 V

5 m - 25 mm<sup>2</sup>  
082939



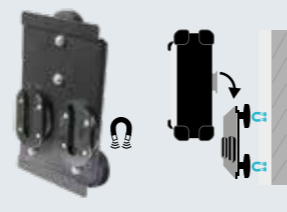
### INCLUDED

**Fixing kit**

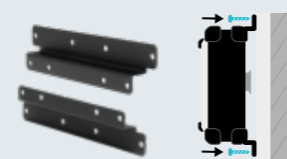


### OPTIONS

**Magnetfix 50**  
029637



**GYSFLASH PRO  
vertical wall  
mounting kit**  
082694



6 / 12 / 16 / 24 / 36 / 48V

GYSFLASH 25.48 CNT FV

**25 A**

PFC SC FV CNT 16 V

5 m - 10 mm<sup>2</sup>  
075962



GYSFLASH 53.48 CNT FV

**50 A**

PFC FV CNT 16 V

5 m - 10 mm<sup>2</sup>  
025998



SC

**SMART  
COOLING  
TECHNOLOGY**

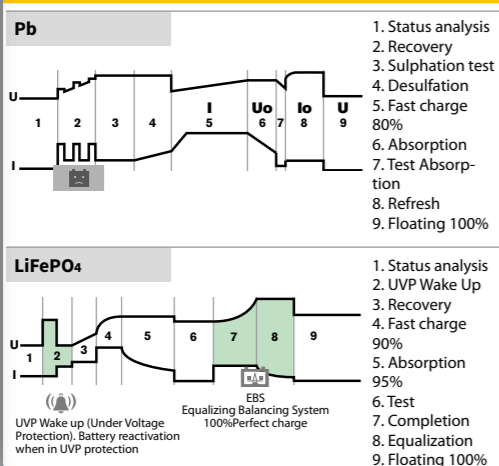
**100%  
DUST  
PROOF**



**SILENT**



### SMART 9 STEP



### CHARGE (150 CURVE CAPACITY)

**Pb AUTOMOTIVE**

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

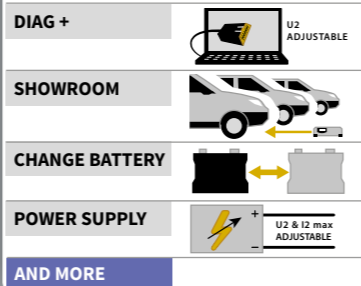
**Pb TRACTION**

- ✓ GEL
- ✓ LIQUID
- ✓ and more

**LITHIUM**

- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

### BSU (10 CURVE CAPACITY)



**✓ TEST**

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

**✓ STARTER**

- ✓ START

CNT

**Connected  
Modules  
& Technology**  
p.36



MADE IN FRANCE	50 / 60 Hz	mm <sup>2</sup>	START MINI	I max	25°C @ 100%	40°C @ 100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	Weight	Dimensions (L x W x H cm / kg)					
<b>GYSFLASH 107.24 CNT FV</b>	85 - 265V	5 m	25	6/12V	3200 W	1V	110V: 100 A 230V: 100 A	100 A 100 A	68 A 79 A	20 · 1200 Ah	•	Ø M6	30	11 kg	34 × 25 × 15 cm	35 × 23 × 37 / 11
				24V	110V: 50 A 230V: 100 A	50 A 95 A	47 A 72 A									
<b>GYSFLASH 25.48 CNT FV</b>	100 - 127V 220 - 240V	5 m	10	6/12/24V	800 W 800 W	1V	110V: 12 A 230V: 25 A	19 A 23,5 A	12 A 22 A	10 · 300 Ah	•	Ø M6	21	7,8 kg	12 × 34,5 × 29,5 cm	40,5 × 38 × 22,5 / 8,8
				36/48V	800 W 1600 W		13A 24 A	10 A 20 A								
<b>GYSFLASH 53.48 CNT FV</b>	85 - 265V	5 m	10	6/12/24V	3200 W	1V	110V: 50 A 230V: 50 A	50 A 50 A	28 A 41 A	10 · 600 Ah	•	Ø M6	30	9,5 kg	34 × 25 × 15 cm	40 × 39 × 23 / 9,5
				36/48V			26 A 48 A	20 A 37 A								



# BSU BATTERY SUPPORT UNIT & STARTER

CNT Connected Technology

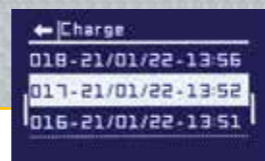
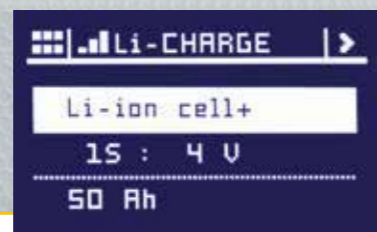
- Battery support for:
- ✓ Diagnostics
  - ✓ ECU programming
  - ✓ ADAS recalibration

### SPECIAL PROJECTS

Contact us for special projects.  
Quick Customization:  
Modes, Curves, parameters...

### 22 languages

- GB RU GR CN simplified
- FR SE CZ CN traditional
- DE DK PL JP
- NL FI SK
- ES TR UA
- PT HR
- IT HU



## 4 in 1

### AUTOMATIC CHARGE

#### Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+

#### Pb TRACTION

- ✓ GEL
- ✓ LIQUID

#### LITHIUM READY

- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+

### BSU

#### DIAG +



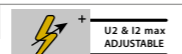
#### SHOWROOM



#### CHANGE BATTERY



#### POWER SUPPLY



### AUTOMATIC STARTER

✓ START

### TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

**FULL PROTECTION**

- On-board electronics
- Over voltage
- No sparks

**UNIVERSAL MODE** **AUTO SELECTION**

- SULFATED BATTERIES
- ALL BATTERIES
- >1V

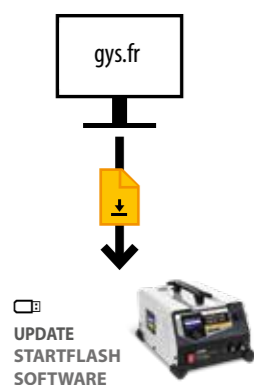
**POWER FACTOR CORRECTION**

185 V ← 265 V



### CNT Connected Technology

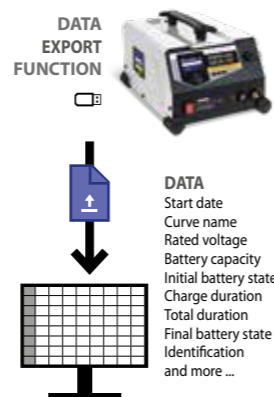
#### SOFTWARE UPDATE



#### CUSTOMIZATION



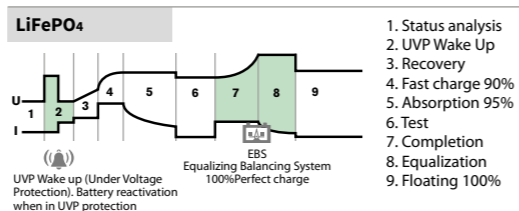
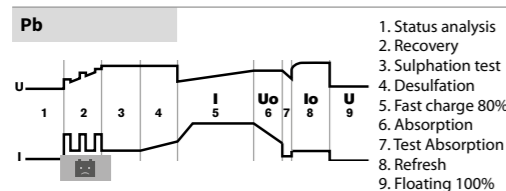
#### TRACEABILITY



#### Connected Modules & Technology p.36



### SMART 9 STEP



### OPTION

Trolley 074965



## 6/12/16/24V

### STARTFLASH 120.24 CNT

## 2, 300 A

5 m - 35 mm<sup>2</sup> 700 A

073616

**STARTER RECOMMENDATION**

6V 12V 24V

5 Ah 6V +300 Ah

STARTFLASH 120 10 • 180 Ah 180 • 250 Ah

MADE IN FRANCE	50 / 60 Hz	CHARGE	START MINI	CHARGE			TRACTION BATTERIES	START			IP	LxWxH cm / kg	LxWxH cm / kg	
				I max	25°C @100%	40°C @100%		1V/C	0V/C	AUTO START				
STARTFLASH 120.24 CNT	85 > 265 V	6/12/24V	3500W	2V	110V: 100A	75 A	55 A	•	6/12/24V	150 A	150 A	20	49 x 37.5 x 30.5 / 14	41.5 x 32.5 x 25.5 / 18.5
					230V: 120 A	110 A	90 A		6V:	300 A	300 A			
									12V:	300 A	300 A			





BSU

# BATTERY SUPPORT UNIT

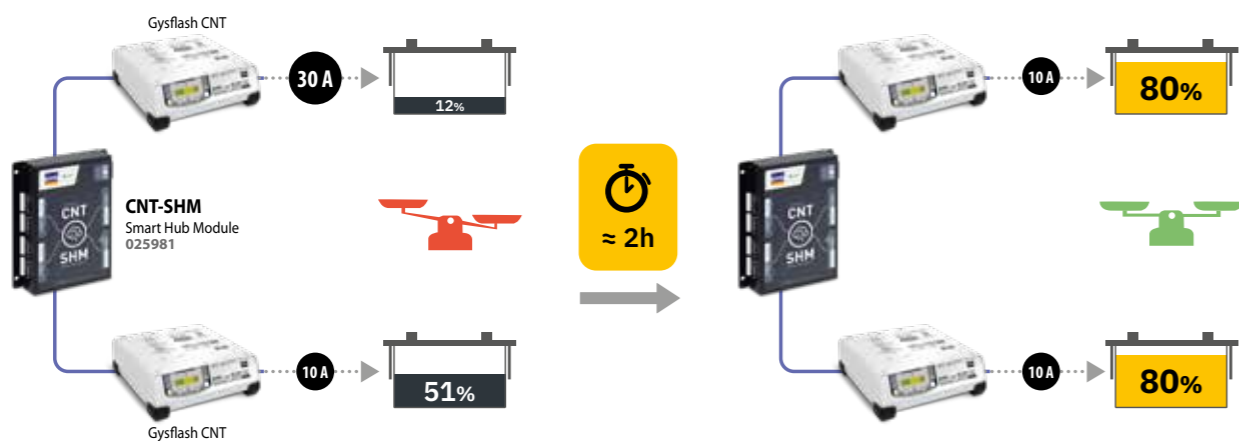
**CNT**  
Connected  
Technology



YouTube  
VIDEO  
EQUALIZE MODE



## BATTERY BALANCING



### BENEFITS

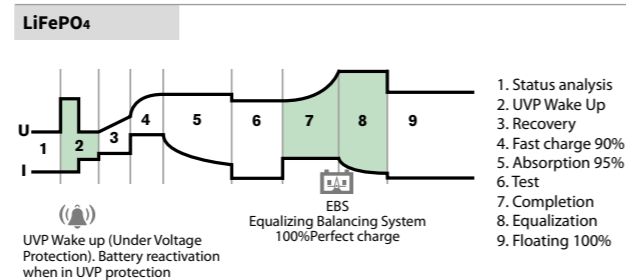
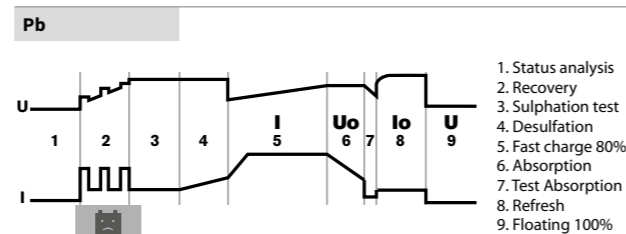
- Increased reliability
- Healthy batteries
- Waste reduction

### EQUALIZATION & BSU

Use all your BSU modes while balancing the batteries

- DIAG + U2 ADJUSTABLE
- SHOWROOM
- CHANGE BATTERY
- POWER SUPPLY U2 & I2 max ADJUSTABLE
- AND MORE

### SMART 9 STEP CHARGE



## GYSFLASH EQUALIZE PACKS



**NEW**  
01 2025

### EQUALIZE (2 × 12 V CHARGERS)



Gysflash 101.12 CNT FV  
026988  
12 V



Gysflash 101.12 CNT FV  
026988  
12 V



CNT SHM  
025981



SMC Cable (1m)  
056596



BSU Flash Plus  
085510

pack EQUALIZE 1  
085534

pack EQUALIZE 2  
085541

### EQUALIZE (2 × 24 V CHARGERS)



Gysflash 101.24 CNT FV  
025967  
24 V



Gysflash 101.24 CNT FV  
025967  
24 V



CNT SHM  
025981



SMC Cable (1m)  
056596



BSU Flash Plus  
085510

pack EQUALIZE 3  
085558

pack EQUALIZE 4  
085565

### CNT

Connected  
Modules  
& Accessories  
p.36





# BSU BATTERY SUPPORT UNIT

**CNT**  
Connected Technology  
**FULLY CUSTOMIZABLE**  
p.34

## CAR MANUFACTURING



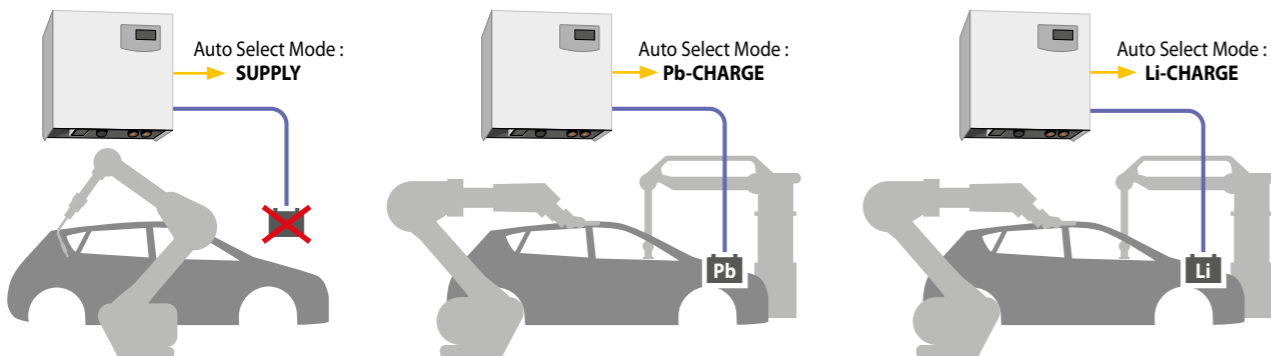
19 languages

- GB ES RU TR PL
- FR PT SE HR SK UA
- DE HU DK GR
- NL IT FI CZ

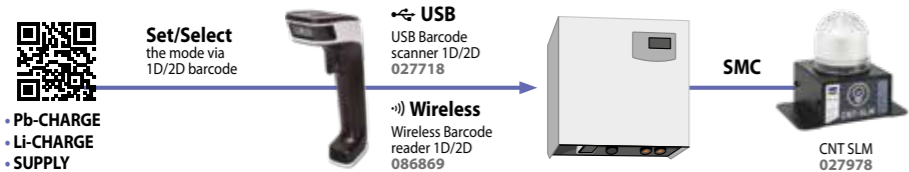


SPECIAL PROJECT - CONTACT US

### AUTOMATIC BATTERY DETECTION & MODE SELECTION



### CONTROL VIA 1D/2D BARCODES



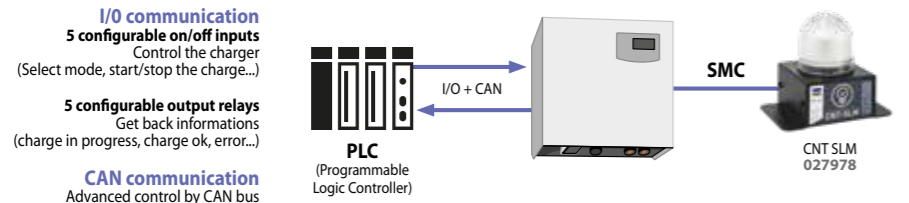
### CONFIG DESIGNER MENU

Setting the charge curve from the Gysflash interface :

```

lead-acid n°001
U_esp 11.5 V
U_lade 14.8 V
I_lade 150.0 A
I_ehl 2.5 A
T_min 00:05:00
T_max 65:00:00
Q_max 250 Ah
T/Q_max error EHL
U_ehl 13.2 V
T_res 250:00:00
U_low 5.0 V
  
```

### ADVANCED AUTOMATION



### CHARGE (150 CURVE CAPACITY)

- Pb CHARGE**
  - LEAD ACID
  - and more
- Li CHARGE**
  - LITHIUM
  - and more

### SUPPLY (10 CURVE CAPACITY)

- EPS (External Power Supply)
- and more

### POWER-UP

- LITHIUM REACTIVATION MODE

### SECURE ACCESS

- Customizable manual accesses
- Configurable password

PFC POWER FACTOR CORRECTION

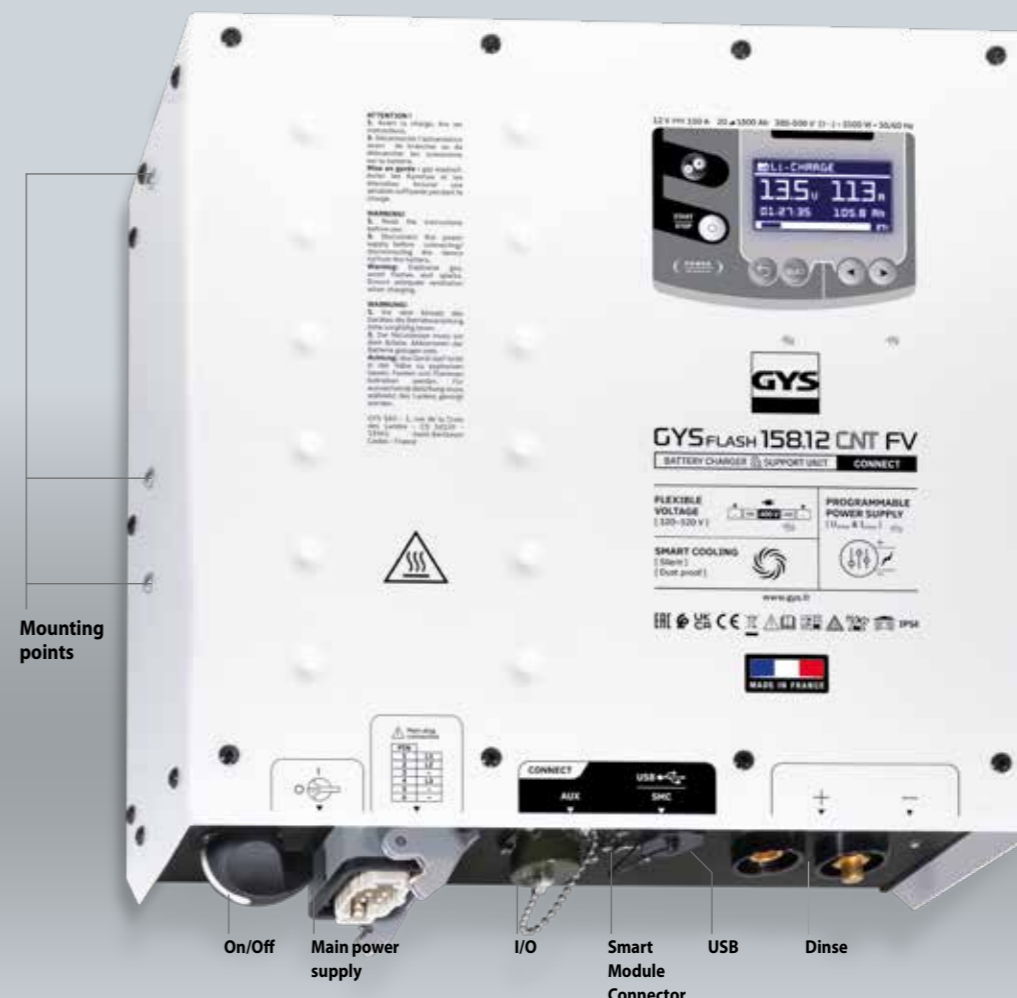
FV FLEXIBLE VOLTAGE  
85 V ← 265 V

FV FLEXIBLE VOLTAGE  
320V ← 520V

GYSFLASH 108.12 CNT FV  
GYSFLASH 148.12 CNT FV

GYSFLASH 158.12 CNT FV

NEW 01 2025



ACCESSORIES p.39

SCREW CONNECTOR available on request

12 V

**NEW 01 2025**

105 A 1~

PFC SC FV CNT

no accessories  
085602

**NEW 01 2025**

145 A 1~

PFC SC FV CNT

no accessories  
069916

**NEW 01 2025**

150 A 3~

SC FV CNT

no accessories  
069909

MADE IN FRANCE	50 / 60 Hz			START MINI	I <sub>max</sub>	25°C @ 100%	40°C @ 100%	60°C @ 100%		IP		
GYSFLASH 108.12 CNT FV	85 - 265V	12V	1800W	1V	110V : 65 A 230V : 105 A	65 A 105 A	65 A 105 A	62 A 88 A	20 · 700 Ah 20 · 1200 Ah	54	9.4 kg	37.6 × 14.5 × 29.6 cm
GYSFLASH 148.12 CNT FV	85 - 265V	12V	2500W	1V	110V : 100 A 230V : 145 A	100 A 134 A	90 A 116 A	62 A 88 A	20 · 1200 Ah 20 · 1800 Ah	54	9.4 kg	37.6 × 14.5 × 29.6 cm
GYSFLASH 158.12 CNT FV	320 - 520V	12V	2500W	1V	150 A	140 A	120 A	100 A	20 · 1800 Ah	54	10.3 kg	37.6 × 14.5 × 38 cm



BSU

# BATTERY SUPPORT UNIT

**CNT**  
Connected  
Technology



USB key  
16 Gb  
062344

### SOFTWARE UPDATE

### LIFETIME EVOLUTION



### TRACEABILITY

### CHARGING DATA



### DESIGN YOUR CHARGING CURVE

### PRODUCT CONFIGURATION

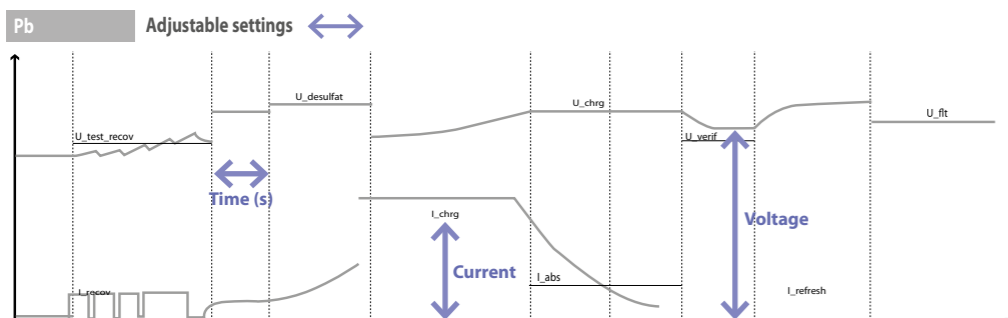
#### CNT MANAGER (gys.fr)

- GYSFLASH parameters
- Custom curves
- Multi-unit management
- Import/export configurations
- ...



Full customisation

#### Create your personalised configuration



#### Adjust your unit to best suit your application

	LEAD-ACID - PB	Lithium - LFP	Lithium - Li-ion std
<b>CELL VOLTAGE (20% - 100%)</b>	2.0V/cell – 2.15 V/cell	3.2V/cell – 3.6 V/cell	3.5 V/cell – 4.2 V/cell
<b>CHARGING VOLTAGE</b>	2.33 V/cell – 2.47 V/cell	3.6 V/cell	4.2 V/cell
<b>Gysflash xx.12 CNT</b>	1 S* – 6 S	1 S – 4 S	1 S – 3 S
<b>Gysflash xx.24 CNT</b>	1 S – 12 S	1 S – 8 S	1 S – 7 S
<b>Gysflash xx.48 CNT</b>	1 S – 24 S	1 S – 16 S	1 S – 14 S

\*S = Battery serial cells

#### Download one of our GYS configuration

Configuration file (gys.fr)	Applications	CHARGE MODE										POWER MODE				MISCELLANEOUS				
		Pb-CHARGE					LI-CHARGE			TRACTION		SHOWROOM	CHANGE BAT.	STARTER MODE	POWER SUPPLY	LI-SUPPLY/LFP	LI-SUPPLY/Li-ion	TESTER MODE		
		normal	AGM	liquid	Easy	Boost	Recovery + Ca / Ca recov	LFP/LiFePO4	Li-ion std	LFP cell+	Li-ion cell+								liquid	gel
1_gys_original.gfc	Initial configuration of the charger	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2_car_extended.gfc	Extensive features for garages	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3_showroom_only.gfc	Simplified version for dealerships and demonstration vehicles												✓							
4_pro_lithium.gfc	Professional of lithium battery											✓	✓	✓	✓					
5_traction.gfc	Forklift truck, electric pallet truck, stacker...																	✓	✓	
6_full_version.gfc	Full version	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Contact us for special projects.

Quick Customization:  
Modes, Curves, parameters...

### MODULES

### MAXIMUM VERSATILITY

#### SINGLE MODULE



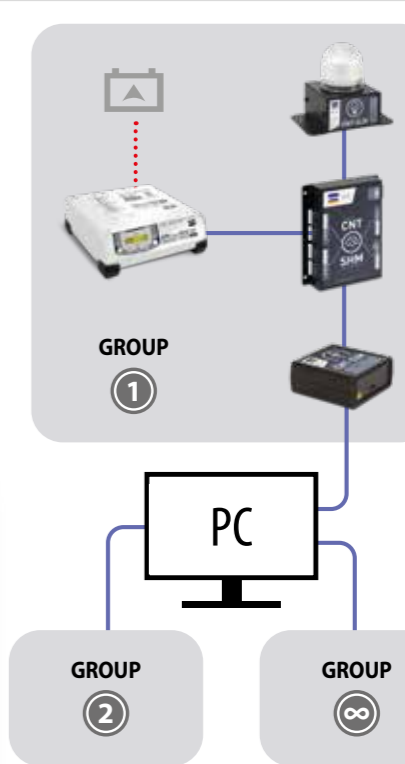
#### MULTI MODULES



#### ADVANCED

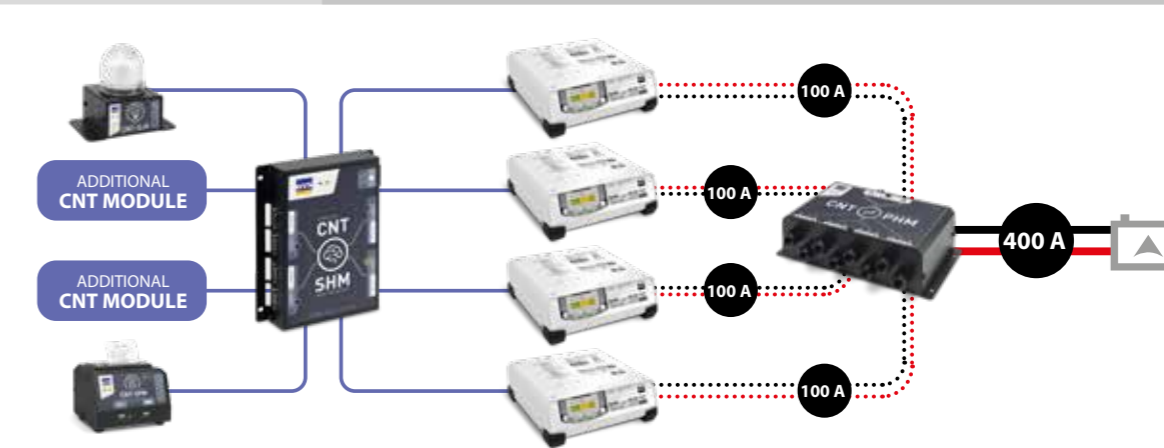


### MULTI-MODULES GROUPS

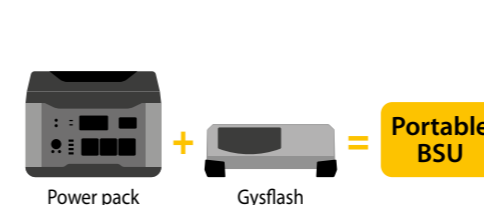


### PARALLEL CHARGING

EXAMPLE : GYSFLASH 101.12 CNT (X4)



### PORTABLE BSU



USAGE DURATION Power pack + Gysflash	GYSFLASH			
	30.12 30.24	50.12 51.12	100.12 / 102.12 101.12 / 103.12 50.24 / 53.24 25.48	121.12 123.12 125.12
<b>POWER PACK 520</b>	1 h 10	—	—	—
<b>POWER PACK 1300</b>	2 h 50	1 h 40	—	—
<b>POWER PACK 14.22</b>	3 h 10	1 h 50	1 h	45 min
<b>POWER PACK 14.15 FC</b>	3 h 10	1 h 50	1 h	—





# CNT TECHNOLOGY MODULES

CNT Connected Technology

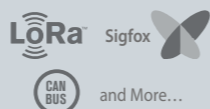
## SMC CABLE

1 m 056596    3 m 025691



YouTube  
PLAYLIST  
CNT TECHNOLOGY

COMING SOON



## SCAN

CRIT'AIR



Customer data



Battery data



Charge data



### USB Barcode scanner

1D/2D

027718



USB direct connection



### Wireless Barcode reader

1D/2D

086869



Wireless



NEW  
01 2025

Download Brochure  
Télécharger la brochure



### OPTIONS

Support Barcode scanner  
025745



## LIGHT & SOUND



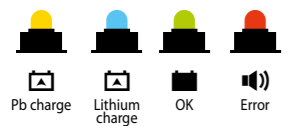
Scratch mounted

### CNT-SLM Smart Light Module 027978



65dB

↳ 12.6 × 14.6 × 9.3 cm / 560g  
☞ 23 × 17 × 13 cm / 840g



Pb charge    Lithium charge    OK    Error

### OPTIONS

SLM/SPM support  
028906



## PRINT



Magnetic mounting

### CNT-SPM Smart Printer Module 026919

↳ 14 × 10.5 × 13.3 cm / 1.4 kg  
☞ 23 × 17 × 13 cm / 1.9 kg



Customizable receipt

Included SMC Cable - 1 m  
056596



Standard roller x2  
57mm x 7.5 m, Ø 25 mm  
056633

### OPTIONS

SLM/SPM support  
028906



USB Keyboard  
AZERTY 027725  
QWERTY 027770

QWERTY compatibility

## BSU SMART COMMUNICATION

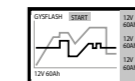


### CNT-SUM Smart USB Module 025974

USB micro A

↳ 6.9 × 6.8 × 2.9 cm / 85g  
☞ 28.5 × 11 × 11.5 cm / 380g

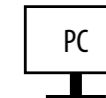
Computer /  
Diag System



Included  
SMC Cable - 1 m  
056596



Computer connection

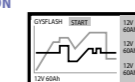


### CNT-SWM Smart Wireless Module 070837

Bluetooth LE    Wifi

↳ 6.9 × 6.8 × 2.9 cm / 85g  
☞ 27.6 × 9.6 × 9.6 cm / 440g

Computer /  
Diag System



Included  
SMC Cable - 1 m  
056596



## SMART HUB MODULE



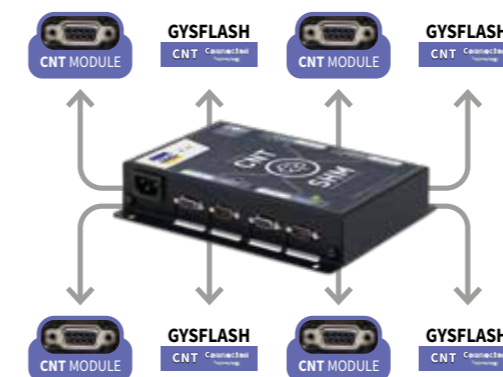
### CNT-SHM Smart Hub Module 025981

↳ 22 × 18 × 4.5 cm / 1 kg  
☞ 16.4 × 13.4 × 24 cm / 1.7 kg

Included  
SMC Cable  
1 m  
056596



### UP TO 4 MODULES + 4 GYSFLASH



## POWER HUB MODULE



### CNT-PHM Power Hub Module 056589

↳ 31.7 × 24.5 × 9 cm / 2.7 kg  
☞ 32 × 29 × 13.5 cm / 3.2 kg

Included  
M6 KIT



### 4 GYSFLASH IN Ø Cables: 10 → 25 mm²



OUT  
Ø Cables: 25 → 70 mm²



# SUPPORTS



**BSU Flash XL**  
028890

**Battery charging rack**  
Rack de charge  
Ladeständer  
079595



**Heavy-duty case**  
Valise de chantier  
Hartschalenkoffer  
060432



**ALL GYSFLASH**  
- COMPATIBILITY -  
Vertical & Horizontal

## TROLLEYS

**BSU Flash XL**  
028890



robust tyres

**NEW**  
01 2025

**BSU Flash Plus**  
085510

**OPTION Protective cover**  
062733



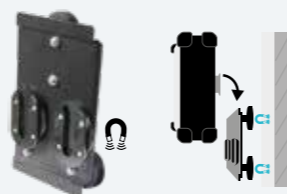
**OPTION Cable support**  
052284



## WALL SUPPORT

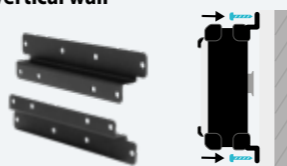
**Magnetfix 50**  
029637

✓ for vertical Gysflash



**GYSFLASH PRO vertical wall mounting kit**  
082694

✓ for vertical Gysflash



**Wall support**  
Tablette  
Wandhalterung  
055513

↳ 21 x 43 x 57 cm / 3.9 kg  
☞ 36 x 43 x 20 cm / 3.3 kg

✓ for horizontal Gysflash



# STANDARD ACCESSORIES



### ANDERSON CABLES

Anderson / Clamps	for GYSFLASH	for GYSFLASH
2.5 m - 10 mm <sup>2</sup> 085800	✓	—
2.5 m - 16 mm <sup>2</sup> 056503	✓	—
5 m - 16 mm <sup>2</sup> 054615	✓	✓
8 m - 16 mm <sup>2</sup> 056572	✓	✓

Anderson / NATO	for GYSFLASH	for GYSFLASH
5 m - 16 mm <sup>2</sup> 026810	✓	✓

Anderson / Rema 160 A	for GYSFLASH	for GYSFLASH
5 m - 16 mm <sup>2</sup> 069091	✓	✓

Anderson / Anderson 175 A	for GYSFLASH	for GYSFLASH
5 m - 16 mm <sup>2</sup> 069107	✓	✓

Anderson / Texas	for GYSFLASH	for GYSFLASH
0.2 m - 16 mm <sup>2</sup> 055902	✓	✓
1 m - 16 mm <sup>2</sup> 028791	✓	✓

for GYSFLASH	
32.12 PL / 30.12 / 50.12 51.12 / 30.24 / 50.24 / 53.24 25.48 / 51.48 / 53.48	100.12 / 101.12 102.12 / 103.12



### TEXAS CABLES

Texas / Clamps	for GYSFLASH
2.5 m - 25 mm <sup>2</sup> 028876	✓
5 m - 25 mm <sup>2</sup> 027886	✓

Texas / Rema 160 A	for GYSFLASH
5 m - 25 mm <sup>2</sup> 025714	✓

Texas / Anderson 175 A	for GYSFLASH
5 m - 25 mm <sup>2</sup> 025721	✓

Texas / NATO	for GYSFLASH
5 m - 25 mm <sup>2</sup> 025707	✓
10 m - 25 mm <sup>2</sup> 056626	✓

### PARALLEL CABLES KIT 072954



Anderson/Cable lugs  
M6 x2  
16 mm<sup>2</sup> - 1 m

Cable lugs/Cable  
lugs M6 x2  
(1 red + 1 black)  
35 mm<sup>2</sup> - 5 m

Texas/Cable  
lugs M6 x2  
25 mm<sup>2</sup>  
1 m

**M6 KIT**  
Ø16 (x4)  
Ø25 (x4)  
Ø35 (x4)

SMC Cable  
1 m

### INTERNAL FUSES

**40 A**  
for GYSFLASH 30  
054646  
x2

**125 A**  
for GYSFLASH 100, 101, 102  
054585  
x2

**150 A**  
for GYSFLASH 121, 123, 103  
027930  
x2

### EXTERNAL FUSES

**6.3 A**  
for GYSFLASH 30  
054578  
x5

**10 A**  
for GYSFLASH 40, 50 100, 101, 102  
056527

### CONNECTORS

**NATO**  
026780

**USB key**  
16 Go/GB  
062344

## GYSFLASH CNT PACKS



### SINGLE GYSFLASH

pack GYSFLASH CNT 1 068117	101.12 CNT 026988	121.12 CNT 026971	101.24 CNT 025967	CNT-SPM + paper roll + support 026919 + 056633 + 028906	Barcode Scanner + support 027718 + 025745	BSU Flash XL 028890	CNT SLM 027978	CNT SHM 025981	CNT PHM 056589	Parallel cable kit 072954
✓	—	—	—	✓	✓	✓ QWERTY	✓	—	—	—
pack GYSFLASH CNT 2 068124	✓	—	—	✓	✓	✓ AZERTY	✓	—	—	—
pack GYSFLASH CNT 3 068131	—	✓	—	✓	✓	✓ QWERTY	✓	—	—	—
pack GYSFLASH CNT 4 068148	—	✓	—	✓	✓	✓ AZERTY	✓	—	—	—

### DOUBLE GYSFLASH

pack GYSFLASH CNT 5 072978	✓ x2	—	—	✓	✓	✓ AZERTY	✓	✓	✓	✓
pack GYSFLASH CNT 6 074972	✓ x2	—	—	✓	✓	✓ QWERTY	✓	✓	✓	✓

### WITHOUT GYSFLASH

pack Parallel Charging 072961	—	—	—	—	—	—	—	—	✓	✓
pack GYSFLASH PRO 1 079908	—	—	—	—	—	✓ AZERTY	✓	✓	—	—
pack GYSFLASH PRO 2 079915	—	—	—	✓	✓	✓ QWERTY	✓	✓	—	—



# CHARGERS

## SSM

Save and load settings. Automatic restart in case of power cut.

Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

## START STOP

Start/stop Engine : Compatible with Start/Stop vehicles.

Compatible véhicules Start/Stop. Geeignet für START-STOP-Fahrzeuge.

## Cold Charge

"Cold charge" mode: performance-enhancing charging mode for cold or freezing weather conditions.

Mode "Cold charge": optimisation des performances en cas de temps froid ou de gel.

-Cold Charge--Modus: Leistungsoptimierung bei kaltem Wetter oder bei Frost.

## INCLUDED

all ARTIC

Eyelets / Cèllets / Ösen 30 cm 026872

Clamps / Pincers / Klemmen 35 cm 026865

## ARTIC

IP 65

WATER PROTECTION  
ARTIC 1500, 4000 & 8000

CHARGERS ONLY



## AUTOMATIC SMART HF INVERTER



ARTIC 800

12V 0.8A GO > 7V



029569  
029682



ARTIC 1500

12V 1.5A GO > 7V



029576



ARTIC 4000

6/12V 4/1-4A GO > 2V (6V)  
GO > 7V (12V)



029583  
029705



ARTIC 8000

2/8A 12V GO > 7V



029590  
029712



## ENERGY

PATENTS REGISTERED NUMBERS  
001652090-0001  
EUROPEAN TRADEMARK & DESIGN



## 12V • TRADITIONAL W

ENERGY 126

4A



023222  
025165



## TCB

PATENTS REGISTERED NUMBERS  
001652090-0001  
EUROPEAN TRADEMARK & DESIGN



## 12V • AUTOMATIC WU

TCB 60

2/4A GO > 3.5V



023253



TCB 90

2/5.5A GO > 3.5V



023260



TCB 120

3.5/7A GO > 3.5V



023284  
025240



MADE IN CHINA	50/60 Hz	Power	CHARGE				Polarity protection	Cold Charge	SSM	Full security	Start/Stop engine	Fuse	CHARGER + TESTER	CONTROL	L x W x H cm / kg	Weight
			V	A	Eff. (%)	Reg.										
			12V	0.8A	—	—	•	—	—	—	—	—	—	6 x 15.1 x 25.5 / 0.43	0.43 kg	
			12V	1.5A	—	—	•	—	—	—	—	—	—	25.7 x 15.1 x 6 / 0.5	0.5 kg	
			6V 12V	4A 1A / 4A	—	2	•	•	•	•	—	OK	—	24.9 x 15.1 x 6 / 0.8	0.78 kg	
			12V	2/8A	—	2	•	•	•	•	—	OK	—	34.1 x 17.7 x 7.3 / 1.1	1.13 kg	
			12V	3A	4.5A	—	—	•	—	—	10A	—	—	16.6 x 11.6 x 22.5 / 1.9	1.9 kg	
			12V	4A	6A	—	—	•	—	—	10A	—	—	16.6 x 11.8 x 22.5 / 2	2 kg	
MADE IN GYS CHINA			12V	2-4A	6A	2	•	—	—	—	10A	OK	OK	12.7 x 12 x 30.2 / 2.5	2.5 kg	
			12V	2-5.5A	8A	2	•	—	—	•	15A	OK	OK	17.2 x 12 x 30.2 / 3.2	3.2 kg	
			12V	3.5-7A	10.5A	2	•	—	—	•	15A	OK	OK	17.9 x 12.3 x 30.4 / 3.2	3.2 kg	

RECOMMENDATION	6V		12V		24V		6V											
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah					
Maintenance																		
ARTIC 800			1.6 • 25 Ah	1.6 Ah •														
ARTIC 1500				3 Ah •														
ARTIC 4000				2 Ah •														
ARTIC 8000				4 Ah •														
ENERGY 124									10 • 45 Ah									
ENERGY 126									15 • 60 Ah									
TCB 60																		
TCB 90																		
TCB 120																		





BATIUM

- SSM SELF START MEMORY
- AUTO DETECT BATTERY VOLTAGE DETECTION
- START STOP ALL BATTERIES

- Microprocessor Control
- FULL PROTECTION: On-board electronics, Reverse polarity, Over voltage, No sparks



# CHARGERS

AUTOMATIC, SMART & FAST



**BATIUM 7.12**  
**7 A** GO > 2 V  
 SSM START STOP AUTO DETECT  
 1.5 m - 1.5 mm<sup>2</sup> → 40 A  
 024496  
 024557

**BATIUM 15.12**  
**15 A** GO > 0.5V  
 SSM START STOP AUTO DETECT  
 1.5 m - 2.5 mm<sup>2</sup> → 40 A  
 024519  
 024632

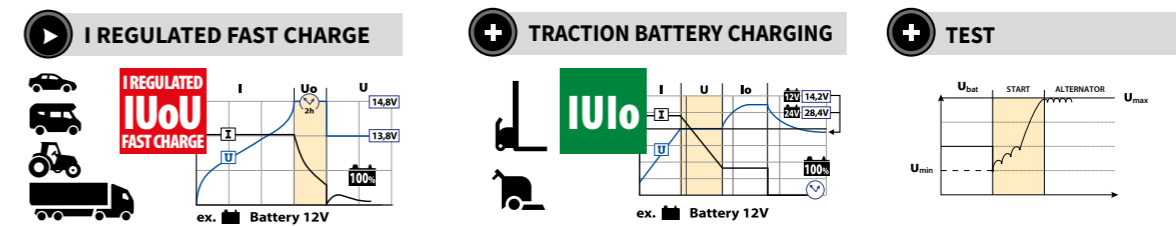
6/12V IUoU



**BATIUM 7.24**  
**7 A** GO > 2 V  
 SSM START STOP AUTO DETECT  
 1.5 m - 1.5 mm<sup>2</sup> → 40 A  
 024502

**BATIUM 15.24**  
**15 A** GO > 0.5V  
 SSM START STOP AUTO DETECT  
 1.5 m - 2.5 mm<sup>2</sup> → 40 A  
 024526  
 024588

6/12/24V IUoU



**BATIUM 25.24 X**  
**25 A** GO > 0.5V  
 SSM START STOP AUTO DETECT  
 2 m - 6 mm<sup>2</sup> → 60 A  
 024830  
 MODE SOS RECOVERY

6/12/24V



Specific charge Traction batteries

Fuse x10	15A BATIUM 7/12 & 7/24 054493	30A BATIUM 15/12 & 15/24 054523
----------	-------------------------------------	---------------------------------------

RECOMMENDATION	5 Ah 10 Ah 15 Ah 20 Ah 40 Ah 80 Ah 90 Ah 110 Ah 120 Ah 180 Ah 240 Ah 300 Ah + Ah															
	6V	12V	24V	6V	12V	24V	6V	12V	24V	6V	12V	24V	6V	12V	24V	
BATIUM 7.12																
BATIUM 7.24																
BATIUM 15.12																
BATIUM 15.24																
BATIUM 25.24 X																

MADE IN FRANCE	50/60 Hz	Reg	CHARGE								Fuse	L x W x H cm / kg	MODE SOS RECOVERY
			RMS / Efficace	Average / Moyen (EN 60335)				boost	Deeply Sulfated batteries				
				Reg 1	Reg 2	Reg 3	Reg 3						
BATIUM 7.12	230V	105W	6/12V	2	11 A	3 A	—	—	7 A	15 A	13.5 x 36 x 21 / 4.6	4.6 kg	—
BATIUM 15.12	230V	225W	6/12V	3	22 A	7 A	10 A	—	15 A	30 A	36.2 x 21.2 x 14 / 5.7	5.6 kg	•
BATIUM 7.24	230V	210W	6/12/24V	2	11 A	3 A	—	—	7 A	15 A	34.8 x 21 x 14.1 / 5.4	5.4 kg	—
BATIUM 15.24	230V	450W	6/12/24V	3	22 A	7 A	10 A	—	15 A	30 A	36.2 x 21 x 14.3 / 7.1	7.1 kg	•
BATIUM 25.24X	230V	1150W	6/12/24V	3	37 A	7 A	15 A	25 A	—	—	42 x 28 x 24.5 / 13.5	13.4 kg	•



## DIAG-BATIUM

BSU

# BATTERY SUPPORT UNIT

**PFC** POWER FACTOR CORRECTION

**FV** FLEXIBLE VOLTAGE



**NEW**  
04 2025



DIAG-BATIUM 100.12

**100 A**

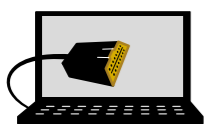
2.5 m - 16 mm<sup>2</sup>  
087552

**PFC FV**

**12 V**

### BSU: DIAG (POWER SUPPLY)

BSU adjustable voltage: 12.7 > 15.5 V

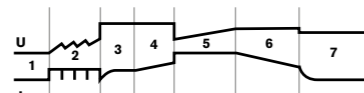


U2 ADJUSTABLE

### CHARGE: Pb

Pb adjustable courant: 5 > 100 A

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Floating 100%

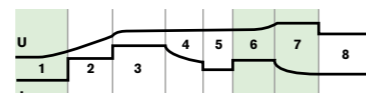


**Auto Recovery :**  
Recovers deeply discharged (min 2V) and/or sulfated batteries.  
Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.  
Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

### CHARGE: LiFePO<sub>4</sub>

LiFePO<sub>4</sub> adjustable courant: 5 > 100 A

1. UVP Wake up-Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



**UVP Wake up (Under Voltage Protection)**  
Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP.  
Reaktivierung der Batterie mit UVP-Schutz.



**Equalizing Balancing System**  
Balancing of the battery cells.  
Équilibrage des cellules.  
Ausgleich der Batteriezellen.

MADE IN FRANCE

DIAG-BATIUM 100.12	50 / 60 Hz	2.5 m	16	12V	1600W	2V	100 A	75 A @ 25°C @ 100 %	66 A @ 40°C @ 100 %	20 > 1200 Ah	Ø M6	20	NC	32 × 23.5 × 13.6 cm



## MULTICHARGE STATION

CHARGERS

# MULTICHARGE STATION

FULL PROTECTION

Reverse polarity

Over voltage

No sparks



**12V**

DHC 54E

**4×5 A**

**Liquid-Gel**

025097

35 × 19 × 7.5 cm / 2.5 kg

**NEW**  
05 2025

**6 / 12V**

**I REGULATED I UoU FAST CHARGE**

MULTICHARGE STATION

**4×10 A**

**Pb-Li**

083578

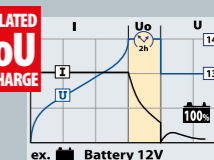
34.5 × 38 × 31.5 cm / 6.3 kg



REPAIR MODE

RECOVERY OF SULFATED BATTERIES

**I REGULATED I UoU FAST CHARGE**



RECOMMENDATION

	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah
DHC 54E				10 · 100 Ah		10 · 100 Ah						
MULTICHARGE STATION				8 · 250 Ah					8 · 250 Ah			

BATIUM

CHARGERS

47



46



STARTERS & CHARGERS  
**AUTOMATIC**



3 in 1

- AUTOMATIC CHARGE**  
= BATTERY
- AUTOMATIC START**
- TEST ALTERNATOR**

TIMER

- UNIVERSAL MODE** **AUTO SELECTION**
- SULFATED BATTERIES**
- ALL BATTERIES**
- GO >1V**

- FULL PROTECTION**
- On-board electronics
  - Over voltage
  - No sparks



35/50 mm<sup>2</sup>



Compatibility p.63

STARTERS & CHARGERS  
**AUTOMATIC & BSU**  
BATTERY SUPPORT UNIT

**BSU Battery Support Unit**

POWER SUPPLY **DIAG+ 60A**  
Voltage adjustable 12 V · 15 V

**BATTERY EXPERT**



12/24V

12V

12/24V

STARTIUM 330E

**25 A**

1,9 m - 10 mm<sup>2</sup> → 500 A

026469

STARTIUM 480E

**40 A**

1,9 m - 16 mm<sup>2</sup> → 600 A

026483  
025578

STARTIUM 680E

**45 A**

2,2 m - 25 mm<sup>2</sup> → 600 A

026490  
025585

STARTIUM 980E

**50 A**

2,5 m - 35 mm<sup>2</sup> → 600 A

026506



Disconnectable

DIAG STARTIUM 60-12

**60 A**

2,2 m - 25 mm<sup>2</sup> → 600 A

026513

DIAG STARTIUM 60-24

**60 A**

2,2 m - 25 mm<sup>2</sup> → 600 A

026520  
025592  
076969

MADE IN FRANCE	I <sub>1</sub>	CHARGE		START		BSU	FUSE	LxWxH cm / kg	LxWxH cm / kg	CCA (EN) START							
		CHARGE kW	START kW	1V/Cell	0V/Cell												
STARTIUM 330E	230V	16 A	0,8	6,5	12V	20 > 370 Ah	40 A	25 A	4	—	•	12V : 165 A	270 A	100 A	26 x 26 x 47 / 15.5	28 x 28 x 47 / 16	500 A
					24V	20 > 300 Ah	—	—	•	—	—	—	24V : 130 A				
STARTIUM 480E	230V	16 A	1,7	9	12V	20 > 600 Ah	65 A	30 A	4	40 A	•	12V : 280 A	390 A	200 A	34 x 30 x 64 / 20.5	64 x 37 x 31 / 29	750 A
					24V	20 > 450 Ah	—	—	•	—	—	—	24V : 210 A				
STARTIUM 680E	230V	16 A	2	10	12V	20 > 675 Ah	75 A	30 A	4	45 A	•	12V : 380 A	550 A	200 A	34 x 30 x 64 / 25.5	65 x 37 x 31 / 31	900 A
					24V	20 > 525 Ah	—	—	•	—	—	—	24V : 270 A				
STARTIUM 980E	230V	16 A	2	12	12V	20 > 750 Ah	80 A	40 A	4	50 A	•	12V : 500 A	720 A	250 A	34 x 30 x 80 / 30	65 x 37 x 32 / 36	1400 A
					24V	20 > 525 Ah	—	—	•	—	—	—	24V : 400 A				
DIAG STARTIUM 60-12	230V	16 A	2	10	12V	20 > 900 Ah	95 A	60 A	4	—	•	12V : 310 A	440 A	200 A	35 x 35 x 72 / 30.5	80 x 37 x 35 / 36	900 A
					24V	20 > 525 Ah	—	—	•	—	—	—	24V : 280 A				
DIAG STARTIUM 60-24	230V	16 A	2	10	6V	20 > 900 Ah	65 A	40 A	—	—	•	6V : —	—	200 A	35 x 35 x 72 / 30.5	80 x 37 x 35 / 36	900 A
					12V	20 > 900 Ah	95 A	60 A	•	12V : 300 A	430 A	•	24V : 280 A				

RECOMMENDATION	Fuse x2		Capacity (Ah)												
	100 A	200 A	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
STARTIUM 330E	•	•													
STARTIUM 480E	•	•													
STARTIUM 680E	•	•													
STARTIUM 980E	•	•													
DIAG STARTIUM 60-12	•	•													
DIAG STARTIUM 60-24	•	•													





# BOOSTERS

6 - 12 - 24 V

### Pb inside

GYSPACK	54
STARTPACK	58
ENERGVSTATION	61

### LITHIUM inside

NOMAD POWER	64
-------------	----

### SUPER CAPACITOR inside

STARTRONIC	68
GYSCAP	69

### MEMORY SAVER

GYSPACK OBD / NOMAD OBD	70
-------------------------	----







STARTPACK

# BOOSTERS Pb/LEAD INSIDE

POWER SUPPLY  
12V DC



12/24 V

22Ah + 22Ah

INSIDE

OCCASIONAL HOBBIES PRO INTENSIVE

### STARTPACK TRUCK

12V	3 200 A	750 A 1V/Cell
24V	1 600 A	650 A 1V/Cell



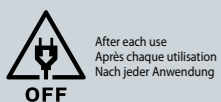
1.8 m - 25 mm<sup>2</sup> 600 A 025448  
026339

### STARTPACK TRUCK MOBILE

12V	3 200 A	750 A 1V/Cell
24V	1 600 A	650 A 1V/Cell

1.8 m - 25 mm<sup>2</sup> 600 A 026025  
028807

INCLUDED STARTPACK TRUCK & TRUCK MOBILE



**CHARGER**  
Power in 110-240 V/out 12V  
50/60 Hz  
054684  
054691



**OPTION**  
MEMORY AUTO SAVE  
CABLE OBD 1,5 m  
054202  
Fuse 7,5A



DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

Model	Inside	START			START PETROL & DIESEL	TEST OK	50/60 Hz	CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out	Fuse	LxWxH cm	LxWxH cm / kg
		1V/Cell	0V/Cell	Peak Battery						ON	OFF				
STARTPACK TRUCK / TRUCK MOBILE	2x 22Ah	12V	750 A	1450 A	3200 A	•	110-240 V	—	12V/2 A DC	•	•	12V DC	1x300 A	37 x 20 x 46	39 x 22 x 50 / 18
		24V	650 A	1300 A	1600 A										
STARTPACK 12.24 CI	2x 16Ah	12V	900 A	1700 A	3600 A	—	220-240 V	4 A	—	•	•	—	1x300 A	26 x 20 x 48	34 x 20 x 51 / 19
		24V	700 A	1350 A	1800 A										
STARTPACK PRO 12.24 CI	2x 30Ah	12V	1300 A	2400 A	6200 A	—	220-240 V	4 A	—	•	•	—	1x300 A	14 x 35 x 56	63 x 39 x 30 / 34
		24V	1200 A	2250 A	3100 A										



59

STARTPACK

BOOSTERS • Pb/LEAD INSIDE



EnerSys  
TPPL TECHNOLOGY  
Thin Plate Pure Lead  
PREMIUM QUALITY BATTERIES

12/24 V

16Ah + 16Ah

INSIDE

OCCASIONAL HOBBIES PRO INTENSIVE

### STARTPACK 12.24 CI

12V	3600 A	900 A 1V/Cell	24V	1 800 A	700 A 1V/Cell
-----	--------	------------------	-----	---------	------------------

1.8 m - 35 mm<sup>2</sup> 600 A 024991  
068155

### STARTPACK PRO 12.24 CI

12V	6200 A	1300 A 1V/Cell	24V	3100 A	1200 A 1V/Cell
-----	--------	-------------------	-----	--------	-------------------

2 m - 50 mm<sup>2</sup> 600 A 028920  
068162

INCLUDED STARTPACK 12.24 & PRO 12.24

Fuse x2  
200 A 054547  
300 A 054561



INTEGRATED CHARGER  
7 STEP



RECOMMENDATION	6V															12V															24V														
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah						
STARTPACK TRUCK	•																																												
STARTPACK TRUCK MOBILE	•																																												
STARTPACK 12.24 CI	•																																												
STARTPACK PRO 12.24 CI	•																																												



# STARTPACK

# BOOSTERS Pb/LEAD

INSIDE



### SMART STARTER MANAGEMENT SYSTEM

- FULL PROTECTION**
  - On-board electronics
  - Reverse polarity
  - Over voltage
  - No sparks
- AUTO DETECT**
  - Battery voltage detection
  - Microprocessor Control
  - TIMER Adjustable



**INCLUDED** GYSFLASH XL 6.12 1.9m 1.9m  
**7 STEP** 6 A - Advanced technology 8 step smart charge

12/24 V **50Ah SPIRAL** + **50Ah SPIRAL** INSIDE HOBBIES OCCASIONAL PRO +++ INTENSIVE

**STARTPACK PRO 12.24 XL**

12V	<b>8 500 A</b>	1600 A 1V/Cell	24V ★★★★	<b>4 250 A</b>	1400 A 1V/Cell
-----	----------------	-------------------	-------------	----------------	-------------------

2m - 70mm² 1000 A 026711

**OPTION**

- STANDARD CABLES 1000 A - 70 mm² 2m 026797
- STANDARD CABLES 1000 A - 70 mm² 4m 026827
- NATO CABLES 3m - 50 mm² 072589
- NATO CONNECTOR 026780
- NATO ID / NCAGE : F8154 CG730

# ENERGY STATION

**Integrated charger**

**Autonomous booster**

**Start 12V engines with 2 x 12V batteries**

**Charge external batteries 12V only**

**Add additional power with a 3rd battery**

Recommended ENERGY STATION FP : 2 x 120 x 170Ah

Batteries not provided  
Batteries non fournies  
Ohne Batterie geliefert

Parallel connection not included  
Connexion parallèle non incluse  
Parallelschaltung nicht enthalten



- FULL PROTECTION**
- On-board electronics
  - Over voltage
  - No sparks
  - Reverse polarity

12/24 V HOBBIES OCCASIONAL PRO INTENSIVE +++

**ENERGY STATION FP 069589**

**INTEGRATED CHARGER** 6 STEP

Model	Batteries	START			START PETROL & DIESEL	CHARGE		CHARGER	Protection				LxWxH cm	LxWxH cm / kg
		1V/Cell	0 V/Cell	Peak Battery		min	max		TEST OK	ON OFF	Fuse	Protection		
STARTPACK PRO 12.24 XL	2x 50 Ah	12V 1 600 A	0 V/Cell	8 500 A	Lead/LFP	—	—	6 A outside	automatic	•	300 A	2m ø 70mm²	106 x 32 x 35	112 x 35 x 43 / 68
ENERGY STATION FP	according to battery / selon batteries / je nach Batterie (Pb only)	24V 1 400 A	2 600 A	4 250 A	Lead/LFP	12/24 V	100 - 375 Ah (x2)	30 A inside	manual	•	300 A	2,5m ø 50mm²	70 x 65 x 91	80 x 53 x 28 / 29

**RECOMMENDATION**

Model	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
STARTPACK PRO 12.24 XL	•	•													
ENERGY STATION FP	—	—													

# SELECT THE RIGHT BOOSTER

## CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

6/12V		12 V									12-24 V				
GYSPACK HERITAGE		GYSPACK 400	GYSPACK AIR	GYSPACK 600	GYSPACK PRO	GYSPACK 660	GYSPACK PRO 700	GYSPACK 750	GYSPACK PRO 800	GYSPACK PRO 900	STARTPACK TRUCK/ TRUCK MOBILE	STARTPACK 12.24 CI	STARTPACK PRO 12.24 CI	STARTPACK PRO 12.24 XL	ENERGY STATION FP
025844		025455	026322	027336	026155	027862	027077	026179	068759	027084	025448 / 026025	024991	028920	026711	069589
6 V		12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V
12 V		12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	24V	24V	24V	24V	24V
<b>START</b>	1V/Cell	400 (6 V)	480 A	480 A	550 A	600 A	640 A	640 A	750 A	700 A	830 A	750 (12 V)	900 A (12 V)	1300 A (12 V)	1600 A (12 V)
	0V/Cell	450 (12 V)										650 (24 V)	700 A (24 V)	1200 A (24 V)	1400 A (24 V)
	PEAK BATTERY	800 (6 V)	900 A	900 A	1050 A	1100 A	1200 A	1200 A	1450A	1320 A	1700 A	1450 A (12 V)	1700 A (12 V)	2400 A (12 V)	3000 A (12 V)
		850 (12 V)										1300 A (24 V)	1350 A (24 V)	2250 A (24 V)	2600 A (24 V)
		3200 (6 V)	1250 A	1250 A	1750 A	1750 A	1900 A	1800 A	2500 A	2500 A	3100 A	3200 A (12 V)	3600 A (12 V)	6200 A (12 V)	8500 A (12 V)
	1600 (12 V)										1600 A (24 V)	1800 A (24 V)	3100 A (24 V)	4250 A (24 V)	
	2 x 20 Ah	18 Ah	18 Ah	22 Ah	22 Ah	28 Ah	16 Ah EnerSys	28 Ah	28 Ah	30 Ah EnerSys	2 x 22 Ah	2 x 16 Ah EnerSys	2 x 30 Ah EnerSys	2 x 50 Ah EXIDE TECHNOLOGIES	
	SPIRAL TECHNOLOGY														
															automatic
	external 2 A	external 0,5 A	external 0,5 A	external 0,5 A	external 0,5 A	external 2 A	internal 2,5 A	external 2 A	external 2 A	internal 2,5 A	external 2 A	internal 4 A	internal 4 A	external 6 A	internal 30A
	I/UoU	WU	WU	WU	WU	I/UoU	7 step	I/UoU	I/UoU	7 step	I/UoU	7 step	7 step	7 step	6 step
	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC				
	1,8 m ø25 mm²	0,6 m ø16 mm²	1,1 m ø25 mm²	0,6 m ø16 mm²	1,1 m ø25 mm²	1,3 m ø25 mm²	1,4 m ø25 mm²	1,3 m ø25 mm²	1,8 m ø25 mm²	1,8 m ø35 mm²	1,8 m ø25 mm²	1,8 m ø35 mm²	2 m ø50 mm²	2 m ø70 mm²	2,5 m ø50 mm²
	37x20x46	26x10x29	33x17x37	26x10x29	35x14x37	35x19x40	33x15x32	35x19x40	31x19x35	33x15x32	37x20x46/37x20x57	34x18x46	63x39x30	112x35x43	70x65x91
	18 kg	6,5 kg	8,5 kg	6,5 kg	9 kg	13,5 kg	12 kg	13,5 kg	18,4 kg	16 kg	18/21 kg	22 kg	34 kg	68 kg	29 kg +

**OFF**  
After each use  
Après chaque utilisation  
Nach jeder Anwendung

**CAUTION ON STAND BY**  
Keep your GYSPACK connected to the mains supply.

**ATTENTION HORS UTILISATION**  
Laisser le chargeur branché en permanence.

**ACHTUNG WENN NICHT IN GEBRAUCH**  
Ladegerät dauernd angeschlossen lassen.

**ATTENTION CUANDO ESTA APAGADO**  
Dejar el cargador conectado permanentemente.

**OPGELET BUITEN GEBRUIK**  
Laat de lader onafgebroken aangesloten.

★ **MINI PRO**

★★ **PRO**

★★★★★ **UNIVERSAL PRO**



### NATO / OTAN : COMPATIBLE PRODUCTS

- Produits compatibles - Kompatible Produkte

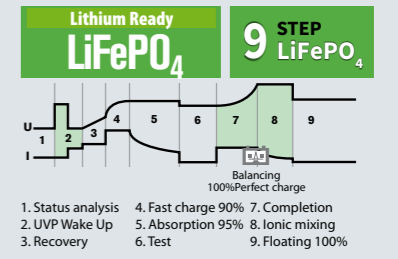
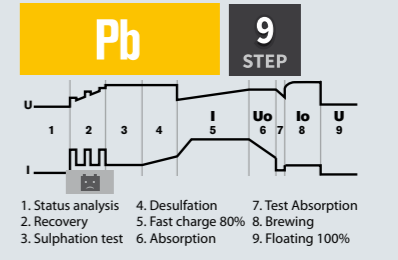


Product	GYFLASH 30.12, 50.12 FV, 51.12, 100.12, 101.12 CNT	GYFLASH 101.24 CNT FV, 121.12 CNT FV, 125.12 CNT FV	GYFLASH 123.12 CNT FV, 103.24 CNT FV, 107.24 CNT FV	GYFLASH 108.12 CNT FV, 148.12 CNT FV, 158.12 CNT FV	GYFLASH 53.48 CNT FV	GYFLASH 15.24 XTREM	STARTIUM 980E	STARTPACK PRO 12.24 XL
NATO CONNECTOR 026780								
Anderson/NATO 5 m - 16 mm² 026810	✓	—	—	—	✓	—	—	—
Texas/NATO 5 m - 25 mm² 025707	—	✓	✓	✓	—	—	—	—
Texas/NATO 10 m - 25 mm² 056626	—	—	—	—	—	—	—	—
Anderson/NATO 2 m - 50 mm² 026803	—	—	—	—	—	—	—	✓
2pts/NATO 5 m - 4 mm² 025837	—	—	—	—	—	✓	—	—
2pts/NATO Spiral 5 m 028968	—	—	—	—	—	✓	—	—



### TRACTION BATTERIES : COMPATIBLE PRODUCTS

- Produits compatibles - Kompatible Produkte



	TYPE	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	CURRENT
24 V	BATIUM 25.24 X	liquid 75 Ah	90 Ah	120 Ah	125 Ah	130 Ah	140 Ah	155 Ah	165 Ah	180 Ah	25 A
	GYFLASH 30.24 HF	liquid —	—	—	75 Ah	85 Ah	105 Ah	125 Ah	145 Ah	175 Ah	15 A
	GYFLASH 50.24 HF	liquid —	—	—	250 Ah	290 Ah	350 Ah	410 Ah	480 Ah	550 Ah	50 A
	GYFLASH 51.12	liquid 130 Ah	150 Ah	180 Ah	210 Ah	240 Ah	270 Ah	310 Ah	350 Ah	390 Ah	25 A
	GYFLASH 101.24	liquid 390 Ah	470 Ah	550 Ah	630 Ah	720 Ah	820 Ah	930 Ah	1050 Ah	1200 Ah	100 A
	GYFLASH 103.24 GYFLASH 107.24	gel —	—	500 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	100 A
36 / 48 V	GYFLASH 25.48	liquid 130 Ah	150 Ah	180 Ah	210 Ah	240 Ah	270 Ah	310 Ah	350 Ah	390 Ah	25 A
	GYFLASH 51.48	liquid 260 Ah	310 Ah	360 Ah	420 Ah	480 Ah	540 Ah	610 Ah	680 Ah	790 Ah	50 A
	GYFLASH 53.48	gel —	—	260 Ah	300 Ah	330 Ah	370 Ah	400 Ah	440 Ah	470 Ah	50 A

100 A		<b>Cables Anderson 175A/Texas</b> 5 m - 25 mm²   025721
100 A		<b>Cables REMA 160A/Texas</b> 5 m - 25 mm²   025714
15 A		<b>Cables REMA 160A/Anderson</b> 5 m - 16 mm²   069091
50 A		<b>Cables Anderson 175A/Anderson</b> 5 m - 16 mm²   069107

NATO COMPATIBILITY



# BOOSTERS LITHIUM INSIDE

SPECIALIST HOBBY • Non professional use • Utilisation non professionnelle • Nicht für gewerblichen Gebrauch.



- ▶ START ENGINE
- + POWER BANK
- + LIGHT

PRO XL  
★★★★

PRO  
★★★



## 12V

NOMAD POWER 300  
350 A



0,28 m - 5,2 mm<sup>2</sup>  
AWG10  
SMART CABLE  
MULTI SECURITIES

025875

NOMAD POWER 500  
550 A



0,4 m - 8,3 mm<sup>2</sup>  
AWG8  
SMART CABLE  
MULTI SECURITIES

027145

NOMAD POWER 400  
500 A



0,28 m - 5,2 mm<sup>2</sup>  
AWG10  
SMART CABLE  
MULTI SECURITIES

025882

NOMAD POWER PRO 700  
600 A



0,26 m - 8,3 mm<sup>2</sup>  
AWG8  
SMART CABLE  
MULTI SECURITIES

027510

## 12 / 24 V

NOMAD POWER PRO TRUCK  
2000 A 600 A  
1V/Cell



0,55 m - 13,3 mm<sup>2</sup>  
AWG6

027527

## 12 V

NOMAD POWER PRO 12 XL  
3000 A 1000 A  
1V/Cell



0,8 m - 21 mm<sup>2</sup>  
AWG4

025912

## 24 V

NOMAD POWER PRO 24 XL  
3000 A 1400 A  
1V/Cell



0,8 m - 21 mm<sup>2</sup>  
AWG4

025905

	LITHIUM			START			INPUT	OUTPUT			POWER BANK OBD supply compatibility (with 054202)	cm	kg
	CAPACITY/CELL	TYPE	FULL CHARGE	1V/Cell	0V/Cell	Peak Battery		START PETROL & DIESEL					
NP 300	2.5 Ah - 37 Wh	LiCoO2	3 h	350 A	700 A	900 A	12V (Pb/Lead only)	USB-C: 5V/2A	(x1) USB 3.0 QC : 5/9/12V - 2A	(x1) USB-A : 5V - 2.1A	—	14.5 × 8.5 × 3	0.365
NP 400	3 Ah - 45 Wh	LiCoO2	3 h 30	500 A	1000 A	1200 A	12V (Pb/Lead only)	USB-C: 5V/2A	(x1) USB 3.0 QC : 5/9/12V - 2A (x1) USB-A : 5V - 2.1A	(x1) JACK DC ø5.5: 15V - 5A	—	17.5 × 8.5 × 3	0.498
NP 500	5.25 Ah - 77.7 Wh	LiCoO2	4 h	550 A	1300 A	1500 A	12V (Pb/Lead only)	QC USB-C: 18W max	(x1) USB-A : 5V - 1A	(x1) USB-A : 5V - 2.1A	—	22.5 × 9.1 × 3.4	0.610
NP PRO 700	6 Ah - 92.5 Wh	LiCoO2	5h (with 15W charger) 1h15 (with 60W charger)	600 A	1500 A	2000 A	12V (Pb/Lead only)	PD USB-C: 60W max	(x1) USB 3.0 QC : 5V/2.4A 9V/2A 12V - 1.5A	(x1) USB-A : 5V - 2.1A (x1) USB-C Power Delivery : 60W (x1) JACK DC ø5.5: 15V - 10A	—	22.8 × 10 × 3.8	0.82
NP PRO TRUCK	6 Ah - 155.4 Wh	LiCoO2	7 h	600 A	1500 A	2000 A	12V/24V (Pb/Lead only)	QC USB-C: 18W max	(x1) USB-A : 5V - 1A (x1) USB-A : 5V - 2.1A	(x1) Cigarette Lighter : 12V - 10A	•	24.8 × 24.8 × 9.6	2.4
NP PRO 12XL	8 Ah - 118.4 Wh	LiCoO2	2 h 30	1000 A	1800 A	3000 A	12V (Pb/Lead only)	JACK DC ø5.5: 18V - 2A	(x2) USB-A : 5V - 2.1A (x2) Cigarette Lighter : 12V - 5A	(x1) QC USB-C : 18W max	•	27.4 × 27.8 × 11	5.6
NP PRO 24XL	8 Ah - 236.8 Wh	LiCoO2	5 h	1400 A	2400 A	3000 A	24V (Pb/lead only)	JACK DC ø5.5: 18V - 2A	(x2) USB-A : 5V - 2.1A (x2) Cigarette Lighter : 12V - 5A	(x1) QC USB-C : 18W max	•	27.4 × 27.8 × 11	5.6

Recommendation	Motorcycle	Car	Van	Truck	Bus	Tractor	Excavator	Generator	Other
NP 300	5 > 70 Ah								
NP 400	5 > 90 Ah								
NP 500	5 > 120 Ah								
NP 700	5 > 140 Ah								
NP PRO TRUCK	5 > 140 Ah		Max capability ( minimum charge needed )						
NP PRO 12XL	5 > 180 Ah								
NP PRO 24XL	> 240 Ah								

MADE IN CHINA



# BOOSTERS LITHIUM INSIDE

SPECIALIST HOBBY • Non professional use • Utilisation non professionnelle • Nicht für gewerblichen Gebrauch.

START ENGINE

POWER BANK



LIGHT

### INCLUDED

SMART CABLE MULTI SECURITIES

- ✓ Nomad Power 401
- ✓ Nomad Power 501



- ✓ Nomad Power PRO 701
- ✓ Nomad Power PRO 801
- ✓ Nomad Power PRO 901 FC



**NEW**  
05 2025

**NEW**  
05 2025

## 12V

**NOMAD POWER 401**  
**900 A**      **350 A**  
1V/Cell



087316

**NOMAD POWER 501**  
**1200 A**      **500 A**  
1V/Cell



087323

**NOMAD POWER PRO 701**  
**1250 A**      **700 A**  
1V/Cell



085855

**NOMAD POWER PRO 801**  
**1500 A**      **850 A**  
1V/Cell



085831

**NOMAD POWER PRO 901 FC**  
**1700 A**      **900 A**  
1V/Cell



085879

	LITHIUM			START				INPUT	OUTPUT		
	CAPACITY/CELL	TYPE	FULL CHARGE	1V/Cell	0V/Cell	Peak Battery					
<b>NP 401</b>	2.5 Ah - 37 Wh	LiCoO2	3 h	350 A	700 A	900 A	12 V (Pb/Lead only)	USB-C : 5V/2A	(x1) USB 3.0 QC : 5/9/12V - 2A (x1) USB-A : 5V - 2.1A	14.5 x 8.5 x 3	0.32
<b>NP 501</b>	3 Ah - 45 Wh	LiCoO2	3 h 30	500 A	1000 A	1200 A	12 V (Pb/Lead only)	USB-C : 5V/2A	(x1) USB 3.0 QC : 5/9/12V - 2A (x1) USB-A : 5V - 2.1A (x1) JACK DC ø5.5 : 15V - 5A	17.5 x 8.5 x 3	0.48
<b>NP PRO 701</b>	4 Ah - 59.2 Wh	LiCoO2	3 h	700 A	1100 A	1250 A	12 V (Pb/Lead only)	USB-C : 5V/3A	(x1) USB 3.0 QC : 5V/2.4A 9V/2A 12V - 1.5A (x1) USB-A : 5V - 2.1A (x1) USB-C : 5V - 3A (x1) JACK DC ø5.5 : 15V - 10A	22.8 x 10 x 3.8	0.82
<b>NP PRO 801</b>	5 Ah - 74 Wh	LiCoO2	4 h	850 A	1300 A	1500 A	12 V (Pb/Lead only)	USB-C : 5V/3A	(x1) USB 3.0 QC : 5V/2.4A 9V/2A 12V - 1.5A (x1) USB-A : 5V - 2.1A (x1) USB-C : 5V - 3A (x1) JACK DC ø5.5 : 15V - 10A	22.8 x 10 x 3.8	0.82
<b>NP PRO 901 FC</b>	6 Ah - 92.5 Wh	LiCoO2	5h (with 15W charger) 1h15 (with 67W charger)	900 A	1400 A	1700 A	12 V (Pb/Lead only)	PD USB-C : 60W max	(x1) USB 3.0 QC : 5V/2.4A 9V/2A 12V - 1.5A (x1) USB-A : 5V - 2.1A (x1) USB-C Power Delivery : 60W (x1) JACK DC ø5.5 : 15V - 10A	22.8 x 10 x 3.8	0.82

i Recommendation												
<b>NP 401</b>	5 > 70 Ah											
<b>NP 501</b>	5 > 90 Ah											
<b>NP PRO 701</b>	5 > 140 Ah											
<b>NP PRO 801</b>	5 > 150 Ah											
<b>NP PRO 901 FC</b>	5 > 150 Ah											

**OPTION**

**67 W Fast USB-C Charger**  
✓ Nomad Power PRO 901 FC  
087132

**15 W USB-C Charger**  
✓ Nomad Power 401 / 501  
✓ Nomad Power PRO 701 / PRO 801 / PRO 901 FC  
087101

**15 W USB-C Charger**  
✓ Nomad Power 401 / 501  
✓ Nomad Power PRO 701 / PRO 801 / PRO 901 FC  
087354

**FAST CHARGE**  
100% in 1 h 15

**NEW**

# BOOSTERS SUPER CAPACITOR

INSIDE

BATTERYLESS - SANS BATTERIE  
- OHNE BATTERIE

**EASY TO USE**

1 ON

START

STARTRONIC 800 : 1 minute  
STARTRONIC HYBRID 950 : 1 minute  
STARTRONIC SUPERCAP 12 / 24 V : 3 minutes

DC/DC CONVERTER INSIDE (>5V)

1 >5V

2 16V

START

800 : 4 minutes  
HYBRID 950 : 4 minutes  
SUPERCAP 12 / 24 V : 5 minutes



- ✓ NO BATTERY INSIDE
- ✓ NO MAINTENANCE
- ✓ FAST TO USE
- ✓ BOOSTER SANS BATTERIE INTERNE
- ✓ AUCUNE MAINTENANCE
- ✓ RAPIDE D'UTILISATION
- ✓ KEINE INTERNE BATTERIE
- ✓ KEINE WARTUNG
- ✓ SCHNELL EINSETZBAR
- FULL PROTECTION
- 40/+65°C
- 1 MILLION CYCLES
- FAST CHARGE
- NO SULFATION DURING STORAGE
- UNLIMITED STARTS



5x 800 F INSIDE

12V

STARTRONIC 800

800 A 12V GO > 5V

026735

5x 950 F + Lithium INSIDE

12V

STARTRONIC HYBRID 950

950 A 12V GO > 1V

026117

10x 900 F INSIDE

12V / 24V

STARTRONIC SUPERCAP 12 / 24V

1050 A 12V GO > 7V  
880 A 24V GO > 7V

082816

**EASY & CONVENIENT**

3 charging modes

- INCLUDED**  
CLAMPS on running vehicle for Fast charge  
GYSCAP 680E : 1 minute  
GYSCAP 24V : 1 minute
- INCLUDED**  
CIGARETTE LIGHTER for Easy charge  
GYSCAP 680E : 10 minutes  
GYSCAP 24V : 30 minutes
- OPTION**  
GYSFLASH 4.12 p.6 029422  
F5 / Cigarette lighter p.16 029439  
GYSFLASH 4.12 for mains charge  
GYSCAP 680E : 1 hour (max)  
GYSCAP 24V : 1 hour (max)



12V

5x 3000 F INSIDE

GYSCAP 680E

1600 A 12V GO > 1V

026773

1.7 m - 25 mm<sup>2</sup>  
Cables 100% Cu

Homologations / Approvals / Zulassungen :  
PSA17.1716



24V

10x 3000 F INSIDE

GYSCAP 24V

2500 A 24V GO > 2V

028944

2 m - 50 mm<sup>2</sup>  
Cables 100% Cu

INCLUDED STARTRONIC 800 & HYBRID 950  
CIGARETTE LIGHTER for Easy charge  
027404

INCLUDED STARTRONIC HYBRID 950  
Lithium battery  
027411

	START			Number of Capacitors	Integrated Inverter	INPUT CHARGE				Charging time				MICRO USB Type B	internal lithium battery	LIGHT	cm	kg
	1V/Cell	0V/Cell	Peak battery			START PETROL & DIESEL	12V	12V/10A	5V/2A	Light	12V	12V/10A	5V/2A					
STARTRONIC 800	800 A	1 400 A	-	Pb/Lead only	12V	5 × 800 F	•	4 min	60 s	4 min	4 min	5V/2A	40 min	-	-	26,7 × 19,5 × 5	1,86	
STARTRONIC HYBRID 950	950 A	1 660 A	-	Pb/Lead only	12V	5 × 950 F	•	4 min	60 s	4 min	4 min	5V/2A	40 min	30 min	•	25 × 18,5 × 6	1,86	
STARTRONIC SUPERCAP 12/24V	1 050 A	1 800 A	-	Pb/Lead only	12V	10 × 900 F	•	5 min	3 min	-	-	-	-	-	-	34 × 43 × 20	7	
	880 A	1 500 A	-	Pb/Lead only	24V	10 × 900 F	•	2 min	2 min	-	-	-	-	-	-	-	-	
GYSCAP 680E	1 600 A	2 700 A	9 000 A	Lead/LFP	12V	5 × 3000 F	•	-	1 min	10 min	10 min	-	-	-	-	35 × 44 × 19	8,2	
GYSCAP 24V	2 500 A	4 500 A	10 000 A	Pb/Lead only	24V	10 × 3000 F	•	-	1 min	30 min	30 min	-	-	-	-	32 × 49 × 21,5	12	

Recommendation	Motorcycle	ATV	Motorboat	Caravan	Car	Van	Truck	Tractor	Excavator	Truck	Bus
STARTRONIC 800											
STARTRONIC HYBRID 950											
STARTRONIC SUPERCAP 12/24V											
GYSCAP 680 E											
GYSCAP 24V											225 Ah

# MEMORY SAVER

SAUVEGARDE MÉMOIRE • SICHERUNG DES SPEICHERS

## Traditional Pb battery INSIDE

**GYSPACK OBD**  
054998  
055001



<b>INSIDE</b>	MEMORY SAVER		25 × 18 × 25 cm	3 kg
Pb 12V - 7 Ah	OBD < 4A	< 4A		



**OFF**  
After each use -  
Après chaque utilisation - Nach jeder Anwendung

## Lithium battery INSIDE

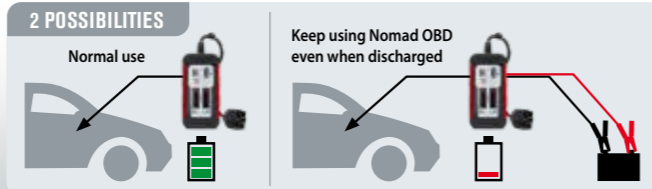
**NOMAD OBD MEMORY SAVER**  
085480  
**NEW**  
01 2025



**FULL PROTECTION**

Ultra light & Compact

<b>INSIDE</b>	MEMORY SAVER		14.5 × 7.2 × 3.5 cm	515 g
Li-ion 12V - 2 Ah	OBD < 4A	< 4A		



## Connected to booster

**CABLE OBD**  
- Câble OBD  
- Kabel für OBD



MEMORY AUTO SAVE CABLE OBD  
Fuse 7,5 A - 1,5 m  
054202



# ACCESSORIES

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TESTERS TRADITIONAL



**NEW DESIGN**  
02/2025

**TBP 100**  
6/12 V 20 > 100 Ah  
055131

**TBP 500**  
12 V 10 > 160 Ah  
055148

TESTERS CONNECTED



**x13**  
Languages  
Sprachen

Download on the  
App Store

GET IT ON  
Google Play

**BTW 6V/12V**  
6/12 V 7 > 240 Ah  
077355

TESTERS DIGITAL



**BT 001**  
12 V 7 > 230 Ah  
056640



**NBT 100**  
12 V 20 > 150 Ah  
024151

**NBT 200**  
12 V 20 > 150 Ah  
024168

**x1**  
Languages  
Sprachen



**DBT 300**  
12 V 4 > 150 Ah  
024175

**x10**  
Languages  
Sprachen



**DBT 350**  
12 V 7 > 240 Ah  
025868

**x8**  
Languages  
Sprachen



**DBT 410**  
6/12 V 7 > 240 Ah  
083233

**x12**  
Languages  
Sprachen



**DBT 500**  
6/12 V 7 > 240 Ah  
079823

**x12**  
Languages  
Sprachen



**DBT 710**  
6/12 V 7 > 240 Ah  
083585

**Color screen**  
for DBT 410 / DBT 500 / DBT 710 / PBT 720

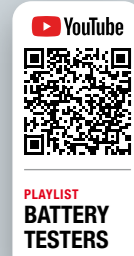
- Complete analysis
- Historical data
- Graphical data analysis  
Waveform function  
for DBT 500, DBT 710, PBT 720

• Download app & Print

**NEW**  
01 2025

**NEW DESIGN**  
06/2025

**NEW**  
01 2025



	BATTERY A	BATTERY V	TEST			DIGITAL	RESULT	TEMPERATURE COMPENSATION	kg	cm	L x W x H cm / kg	
			CHARGE & START SYSTEM VEHICLE	DIGITAL	RESULT							
TBP 100	6-12V	20 > 100 Ah	•	•	12V	—	5/10s	15 min	—	1.5	16x1.8x30	30.7x17.2x10.3 / 1.5
TBP 500	12V	10 > 160 Ah	•	•	12V	—	15s	15 min	—	3.75	27x26x13	31x28.6x18.2 / 3.8
BTW 6V/12V	6-12V	7 > 240 Ah	—	min 4,5V	12V	—	1s	instant	•	0.11	11x3x2	7.5x4.5x16.4 / 0.16
BT 001	12V	7 > 230 Ah	—	•	12V	LED	1s	instant	—	0.29	3x12x1.5	24.2x11.8x2.4 / 0.29
NBT 100	12V	20 > 150 Ah	•	min 7V	—	•	1s	instant	—	0.25	7x1.5x12	5x18x25.8 / 0.3
NBT 200	12V	20 > 150 Ah	•	min 7V	12V	•	1s	instant	—	0.25	7x1.5x12	5x18x25.8 / 0.3
DBT 300	12V	4 > 150 Ah	•	min 4,5V	12V	back-lit / rétro-éclairé	1s	instant	—	0.25	12x7.9x22.7	5x18x25.8 / 0.3
DBT 350	12V	7 > 240 Ah	•	min 8V	12 / 24V	back-lit / rétro-éclairé	1s	instant	•	0.8	9.6x3x13.8	6.5x10.5x21 / 0.35
DBT 410	6-12V	7 > 240 Ah	•	min 5V	6 / 12V	color screen 2.4"	1s	instant	•	0.24	8x1.8x13.4	4.2x8.5x15
DBT 500	6-12V	7 > 240 Ah	•	min 5V	6 / 12V	color screen 2.4"	1s	instant	•	0.3	8x2x14	5x18.5x18.5 / 0.44
DBT 710	6-12V	7 > 240 Ah	•	min 3V	12 / 24V	color screen 3.2"	1s	instant	•	0.9	10x3.5x20.5	10x18.4x25.3

i	Battery/Batteries / Ladegeräte	Alternator Circuit / Circuit alternateur / Lichtmaschinenkreis	TEST							CURRENT CCA SAE	
			LIQUID	START / STOP ENGINE	EFB	AGM VRLA/GEL	Truck	Truck	Truck		
TBP 100	12V	12V	•	—	—	—	—	—	—	20 > 100 Ah	—
TBP 500	12V	12V	•	—	—	—	—	—	—	10 > 160 Ah	0 > 1000 A
BTW 6V/12V	6V/12V	12V	•	•	•	•	•	•	•	7 > 240 Ah	10 > 2000 A
BT 001	12V	12V	•	•	•	•	•	•	•	7 > 230 Ah	—
NBT 100	12V	—	•	—	—	—	•	•	•	20 > 150 Ah	200 > 1200 A
NBT 200	12V	12V	•	—	—	•	•	•	•	20 > 150 Ah	200 > 1200 A
DBT 300	12V	12V	•	•	•	•	•	•	•	4 > 150 Ah	40 > 1200 A
DBT 350	12V	12-24V	•	•	•	•	•	•	•	7 > 240 Ah	40 > 2000 A
DBT 410	6V/12V	6-12V	•	•	•	•	•	•	•	—	10 > 2000 A
DBT 500	6V/12V	6-12V	•	•	•	•	•	•	•	7 > 240 Ah	100 > 2000 A
DBT 710	6V/12V	6-12-24V	•	•	•	•	•	•	•	7 > 240 Ah	—

Languages - Sprachen

	GB	FR	DE	IT	ES	PT	CZ	NL	PL	RU	TR	CN	JP	KR	IR
DBT 300	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DBT 350	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DBT 410	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DBT 500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DBT 710	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBT 550	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBT 700	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBT 720	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBT 812	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBT 824	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BTW 6V/12V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

# TESTERS WITH PRINTERS

056220	x2	37 mm	7.5 mm	25 mm	BT 301 / BT 501 / BT 551
056237	x1	57 mm	28 mm	50 mm	RT 777 / PBT 700 / PBT 812 / PBT 824
056633	x2	57 mm	7.5 mm	25 mm	PBT 550 / PBT 600 / PBT 700 / PBT 720 / PBT 812 / PBT 824 / SPM

YouTube  
PLAYLIST  
**BATTERY TESTERS**

Included for PBT 812 / PBT 824  
4 wire connector = more precision  
connecteur 4 fils = plus de précision

1.3 m 0.5 m \*detachable  
M/F plug Clamps 056510

**COMPATIBILITY**  
USB Barcode scanner 1D/2D for PBT 812, PBT 824 027718 p.36

**NEW DESIGN** 04/2025

x6 Languages Sprachen



Approvals Homologations Zulassungen

x10 Languages Sprachen



**NEW** 01/2025

x12 Languages Sprachen

**XL Full Color screen**

- Complete analysis
- Historical data
- Graphical data analysis Waveform function

• Download app & Print



x10 Languages Sprachen

**NEW DESIGN** 03/2025

**Color screen**

- Complete analysis
- Historical data
- Graphical data analysis Waveform function

• Battery-management software



x10 Languages Sprachen

**NEW DESIGN** 03/2025

**LCD screen**

- Complete analysis
- Battery-management software

LCD COLOR



**PRINTER • 12 V**

**PRINTER • 6/12 V**

**PRINTER • 6/12/24 V (2x12)**

**PBT 550**

12 V 30 > 220 Ah

START STOP ALTERNATOR 12 V

024199

0.65 m x2 (included) 056633



**PBT 700**

12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

024229

1.2 m x1 (included) 056237



**PBT 720**

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 6/12/24 V

083240

2.6 m x2 (included) 056633



**PBT 812**

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

076686

x1 (included) 056237



**PBT 824**

6/12/24(2x12)V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

025738

x1 (included) 056237



	BATTERY	TEST		PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	BATTERY	kg	cm	L x W x H cm / kg
		A	V								
MADE IN CHINA	<b>PBT 550</b>	12V	30 > 220 Ah	• min 6 V	12V	•	instant	—	0.55	55 x 25	29 x 23 x 9 / 0.9
	<b>PBT 700</b>	12V	7 > 240 Ah	• min 8 V	12/24V	•	instant	—	0.7	23.5 x 10.2 x 6.8	40.5 x 28 x 9 / 1.9
MADE IN CHINA	<b>PBT 720</b>	6-12V	7 > 240 Ah	• min 3 V	6/12/24V	•	instant	2 x 3.7V - 2 A lithium-ion polymer batteries	0.9	26 x 10.5 x 5	27.2 x 36.4 x 9.3 / 2
	<b>PBT 812</b>	6-12V	7 > 240 Ah	• min 1.5V	12/24V	•	instant	6 x 1.5V LR6-AA or 18650 lithium battery (not included)	0.7	28 x 14 x 7.5	34 x 47 x 11.5 / 3.1
	<b>PBT 824</b>	6-12-24 (2x12)V	7 > 240 Ah	• min 1.5V	12/24V	•	instant	6 x 1.5V LR6-AA	0.7	25 x 4.5 x 13	40 x 28 x 9 / 2.3

Recommendation	TEST		PRINT PAPER	LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL	TRUCK	VAN	CAR	MOTORCYCLE	CURRENT CCA SAE
	Battery/Batteries/Ladegeräte	Alternator Circuit/Circuit alterateur/Lichtmaschinenchaltkreis										
<b>PBT 550</b>	12V	12V	•	•	•	•						30 > 220 Ah
<b>PBT 700</b>	12V	12-24V	•	•	•	•	7 > 240 Ah					7 > 240 Ah
<b>PBT 720</b>	6V 12V	6-12-24V	•	•	•	•						7 > 240 Ah
<b>PBT 812</b>	6V 12V	12V	•	•	•	•						7 > 240 Ah
<b>PBT 824</b>	6V 12V 24V (2x12)	12-24V	•	•	•	•						7 > 240 Ah

# POWER INVERTERS

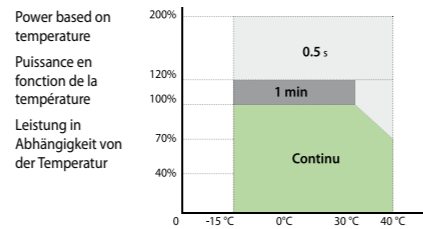
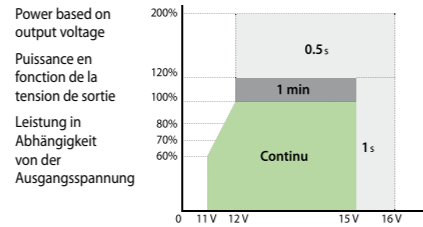
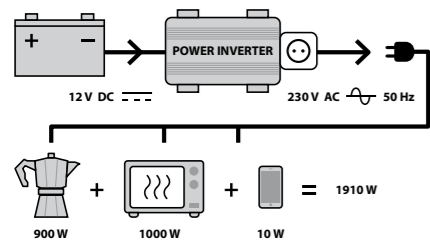
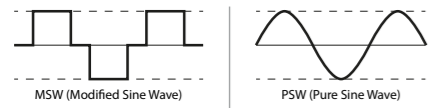
12/24 V DC > 230 V AC



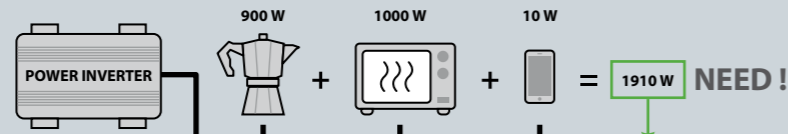
## PSW REMOTE CONTROL



## MSW / PSW TECHNOLOGY



- Under-voltage / Over-voltage / Overload / Overheating / Output short-circuit
- Tension faible / Surtension / Surcharge / Surchauffe / Court-circuit
- Unterspannung / Überspannung / Überlastung / Überhitzung / Kurzschluss am Ausgang



SELECT THE RIGHT POWER INVERTER  
• CHOISISSEZ VOTRE CONVERTISSEUR  
• WÄHLEN SIE IHREN WECHSELRICHTER

CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 2002W RC-24	MSW 82000	70 Ah	200 Ah		
								<b>12 V</b>		<b>24 V</b>	

HOME APPLIANCE - ÉLECTROMÉNAGER			
Microwave - Micro-Ondes - Mikrowelle	700 - 1000 W	30 - 50 min	1 h 30 - 2 h
Toaster - Grille Pain	800 - 1500 W	20 - 40 min	1 h - 2 h
Fridge - Réfrigérateur - Kühlschrank (40 L)	45 W	12 h	35 h
Kettle - Bouilloire - Wasserkocher	700 - 2500 W	15 - 45 min	35 min - 2 h
Espresso coffee maker - Cafetière espresso - Espresso-Maschine	1000 - 1600 W	20 - 30 min	1 h - 1 h 30
Drip coffee maker - Cafetière filtre - Filterkaffee-Maschine	800 - 1200 W	25 - 40 min	1 h 30 - 2 h
ELECTRONIC - ÉLECTRONIQUE			
Mobile phone - Téléphone - Telefon	5 - 10 W	55 - 110 h	155 - 310 h
Laptop - Ordinateur portable	60 - 95 W	5 - 9 h	16 - 28 h
Radio	10 - 40 W	14 - 55 h	40 - 155 h
TV 15"	40 W	13 h 30	39 h
TV 21"	50 W	11 h	31 h
Video game console - Console de jeux vidéo - Konsole für Videospiele	39 - 100 W	5 - 13 h	16 - 39 h
Camera - Appareil photo - Fotoapparat	4 - 19 W	25 - 135 h	78 - 390 h
COMFORT - CONFORT			
Light - Eclairage - Beleuchtung	100 W	5 h 30	16 h
Electrical heater - Chauffage électrique - Elektrische Heizung	1800 - 2500 W	12 - 20 min	35 - 45 min
Fan - Ventilateur - Lüfter	50 W	11 h	31 h
Hairdryer - Sèche cheveux - Fön	1000 - 2000 W	15 - 30 min	45 min - 1 h 30
SAILING - NAUTISME			
Navigation lights - Feux de navigation - Navigationslichter	24 W	30 h	80 h
Radar	24 W	30 h	80 h
Autopilot mode - Pilote automatique	60 W	9 h	30 h
GPS/Sat nav. - GPS	6 W	110 h	310 h

\* Usage duration (h) =  $\frac{80\% \times \text{Capacity (Ah)} \times \text{Optimum Efficiency (\%)} \times \text{Input DC (V)}}{\text{Power (W)}}$

MADE IN CHINA	Power	Peak power	Pure Sin Wave	Optimum Efficiency	Input DC	Output AC	Output USB (2,1) DC	max 150W	Universal	Remote	Weight	Height	L x W x H cm / kg
CONVERGYS 150	150W	300W	—	90,5%	12V	230V	5V · 2 A	•	•	—	0,5 kg	N/A	8 × 16,5 × 24,7 / 0,45
CONVERGYS 300	300W	600W	—	85%	12V	230V	5V · 2 A	•	•	—	0,95 kg	N/A	21,3 × 20 × 6,8 / 0,95
PSW 601W RC-12	600W	1200W	•	90%	12V	230V	5V · 2 A	—	•	•	2,2 kg	26,5 × 17 × 7,5	31 × 22 × 12 / 2,3
PSW 1002W RC-12	1000W	2000W	•	90%	12V	230V	5V · 2 A	—	•	•	4,7 kg	37,5 × 21 × 10	44 × 27 × 16 / 4,5
PSW 1502W RC-12	1500W	3000W	•	90%	12V	230V	5V · 2 A	—	•	•	5 kg	37,5 × 21 × 10	44 × 27 × 16 / 4,6
PSW 2002W RC-12	2000W	4000W	•	90%	12V	230V	5V · 2 A	—	•	•	6,25 kg	38,5 × 25 × 10	43 × 32 × 16,5 / 5,7
MSW 82000	2000W	4000W	—	80%	24V	230V	5V · 2 A	—	•	•	5,8 kg	35 × 20 × 28	45,3 × 26,8 × 16,1 / 4,9
PSW 2002W RC-24	2000W	4000W	•	90%	24V	230V	5V · 2 A	—	•	•	6,25 kg	38,5 × 25 × 10	43 × 32 × 16,5 / 5,7

12 V CONVERGYS



12 V PSW PURE SINE WAVE



24 V MSW MODIFIED SINE WAVE



24 V PSW PURE SINE WAVE



INCLUDED FOR ALL



# PORTABLE ENERGY

DC/AC

## OPTIONS

### Solar panel

for Power pack 520, 1300, 14.22, Energys DC/DC

monocrystalline ETFE quality - 18V - 100 W max

OUTPUT  
 USB 1 : 5V/3A  
 USB 2 : 5V/3A ; 9V/2A ; 12V/1.5A  
 Type C : 5V/3A ; 9V/2A ; 12V/1.5A  
 Jack : 18V/5.6A max  
 079410



**3 MODES**  
 Light / S.O.S. / Flash



**NEW 01 2025**

**5 MODES**  
 Light (Low, Medium, High) / S.O.S. / Flash



**5 MODES**  
 Light (Low, Medium, High) / S.O.S. / Flash



USAGE DURATION	POWER PACK						
	50 W	100 W	250 W	500 W	1000 W	1500 W	2200 W
POWER PACK 520	8 h	4 h	1 h 40	50 min	—	—	—
POWER PACK 1300	20 h	10 h	4 h	2 h	1 h	—	—
POWER PACK 14.22	22 h	11 h	4 h 30	2 h 15	1 h 05	45 min	30 min
POWER PACK 14.15 FC	22 h	11 h	4 h 30	2 h 15	1 h 05	45 min	—

## FULL PROTECTION

Short-circuit protection,  
 Over-current protection,  
 Over-voltage protection,  
 Under-voltage protection,  
 Over-load protection,  
 Temperature protection

## MPPT integrated

Solar panel compatibility

## OPTIONS

### Power batt 14 External battery

for Power pack 14.15 FC

085213

1408 Wh - LiFePO4

↳ 42 x 30 x 25.5 cm / 12.8 kg



**NEW 01 2025**

## FAST CHARGE

100% in 60min

### POWER PACK 14.15 FC

1408 Wh

↻ 1500 W

085169



### Solar panel

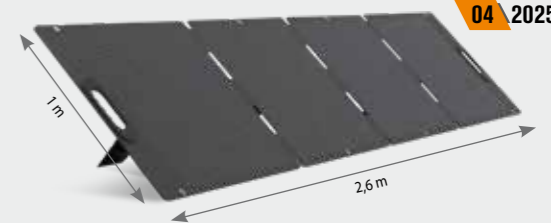
for Power pack 14.15 FC

079403

monocrystalline - ETFE quality  
 48V - 220 W max

OUTPUT: MC4

**NEW 04 2025**



### POWER PACK 520

518 Wh

↻ 500 W

027961



### POWER PACK 1300

1280 Wh

↻ 1000 W

071988



### POWER PACK 14.22

1408 Wh

↻ 2200 W

085206



LITHIUM Battery	CAPACITY	TYPE	INPUT	RECHARGING TIME			AC OUTPUT		DC OUTPUT	LIGHT	BOOSTER			OPTION COMPATIBILITY		L x W x H cm / kg	L x W x H cm / kg		
				MAINS 0-100%	SOLAR PANEL 0-100% (depending on weather conditions)	DC CHARGING 0-100%	230V / 50 Hz (Pure Sine Wave)	Rating POWER OUT			Peak Power OUT	12V Petrol & Diesel (Lead / LFP)	1V/Cell	0V/Cell	SOLAR PANEL			EXTERNAL BATTERY	
POWER PACK 520	20 Ah 518 Wh	LiPo	JACK DC ø3.5 (Main / solar charging): 12-30V 80W PD USB-C (DC charging): 45W	6 h 30	8 h 30 - 11 h 30	11 h 30	(x2) Type C / E / F / G / I	500 W	750 W (3sec)	(x1) PD USB-C: 45W max (x1) QC USB-C: 18W max (x2) USB-A: 5V - 2.4A	(x2) JACK DC ø5.5: 12V - 10A (x1) Cigarette Lighter: 12V - 10A	(x1) LED	—	—	—	•	—	26.4 x 23.4 x 16.3 / 5.14	33.5 x 23 x 34.5 / 6.2
POWER PACK 1300	50 Ah 1280 Wh	LFP	JACK DC ø5.5 (Main / solar charging): 12-30V 200W	7 h	12 h - 14 h	—	(x3) Type C / E / F (euro plug)	1000 W	2000 W	(x3) USB-A: 5V - 2.4A (x1) QC USB-A: 18W max (x2) PD USB-C: 100W max	(x2) JACK DC ø5.5: 12V - 10A (x1) Cigarette Lighter: 12V - 10A	(x1) LED	•	500 A	1000 A	•	—	36 x 27 x 28 / 17.5	45 x 39 x 39 / 20.6
POWER PACK 14.22	55 Ah 1408 Wh	LFP	JACK DC ø5.5 (Main / solar charging): 12-30V 200W	7 h 30	13 h - 15 h	—	(x3) Type C / E / F (euro plug)	2200 W	4400 W	(x3) USB-A: 5V - 2.4A (x1) QC USB-A: 18W max (x2) PD USB-C: 100W max	(x2) JACK DC ø5.5: 12V - 10A (x1) Cigarette Lighter: 12V - 10A	(x1) LED	•	500 A	1000 A	•	—	36 x 27 x 28 / 17.1	—
POWER PACK 14.15 FC	55 Ah 1408 Wh	LFP	C14 EURO PLUG (AC charging): 230Vac 1500W ANDERSON (solar charging): 30-60V 400W JACK DC ø5.5 (DC charging): 12V 120W	1 h	6 h - 8 h	11 h	(x3) Type C / E / F (euro plug)	1500 W	3000 W	(x3) USB-A: 5V - 2.4A (x1) QC USB-A: 18W max (x2) PD USB-C: 100W max	(x2) JACK DC ø5.5: 12V - 10A (x1) Cigarette Lighter: 12V - 10A	(x1) LED	•	500 A	1000 A	•	•	36 x 27 x 28 / 19.3	43 x 36.5 x 33.5 / 22

RECOMMENDATION	Game	Phone	Power Bank	Laptop	TV	Drill	Saw	Light	Other
POWER PACK 520	•	•	•	•	•				
POWER PACK 1300	•	•	•	•	•	•	•	•	•
POWER PACK 14.22	•	•	•	•	•	•	•	•	•
POWER PACK 14.15 FC	•	•	•	•	•	•	•	•	•

# JUMPER CABLES

320 A > 1000 A

056206					
564015					
056404					
056602					
056190					
056312					
056329					
056336					
056343					
056558					
056541					
056619					

## PRO BRASS CLAMPS

**BRASS CLAMPS, NON-INSULATED** - Pincas laiton, non isolées - Messingklemmen, nicht isoliert - Pinzas de latón, no aisladas - Morsetti in ottone non isolati



					TYPE
056206	<b>320 A</b>	3m	—	16 mm <sup>2</sup>	(CCA)
564015	<b>500 A</b>	3m	—	25 mm <sup>2</sup>	(CCA)
056404	<b>700 A</b>	4,5m	—	35 mm <sup>2</sup>	(CCA)
056602	<b>1000 A</b>	5,1m	—	50 mm <sup>2</sup>	(100% Cu)
056190	<b>1000 A</b>	4,5m	INCLUDED	50 mm <sup>2</sup>	(100% Cu)

MADE IN CHINA  
MADE IN FRANCE

## PRO INSULATED CLAMPS

**INSULATED CLAMPS** - Pincas isolées - Isolierte klemmen - Pinzas aisladas - Morsetti isolate



		ESSENCE BENZINE PETROL	DIESEL				TYPE	DIN 72553
056312	<b>200 A</b>	1,5l		3m	—	10 mm <sup>2</sup>	≈ 0 Cu	—
056329	<b>320 A</b>	2,5l		3m	—	16 mm <sup>2</sup>	≈ 0 Cu	•
056336	<b>500 A</b>	5,5l	3l	3,5m	—	25 mm <sup>2</sup>	≈ 0 Cu	•
056343	<b>700 A</b>	7l	4l	4,5m	—	35 mm <sup>2</sup>	≈ 0 Cu	•
056558	<b>1000 A</b>	7l	4l	4,5m	INCLUDED	50 mm <sup>2</sup>	(100% Cu)	—

MADE IN CHINA  
MADE IN FRANCE

## SUPER PRO INSULATED CLAMPS

**INCLUDED**

x 8

**ANTI-ARC PROTECTION x2**

MADE IN FRANCE

				TYPE					TYPE
056541	<b>700 A</b>	4,5m	35 mm <sup>2</sup>	<b>100% Cu</b>	056619	<b>1000 A</b>	5m	50 mm <sup>2</sup>	<b>100% Cu</b>

# EV CHARGING

Rechargement EV • Laden für Elektrofahrzeuge  
• Carga de EV • Ricarica per veicoli elettrici

6 A > 32 A

		RECHARGE TIME (20 to 100%)*													
		230 V (1 ph)						400 V (3 ph)							
Power Grid		6 A	8 A	10 A	13 A	16 A	20 A	6 A	8 A	10 A	13 A	16 A	20 A	32 A	
		1.4kW	1.8kW	2.3kW	2.9kW	3.7kW	4.6kW	4.1kW	5.5kW	6.9kW	8.9kW	11kW	14kW	22kW	
Example of battery capacity	10 kW	6h	4h30	3h30	3h	2h	1h30	1h	2h	1h30	1h	50 min	40 min	-	-
	20 kW	12h	9h	7h	5h30	4h30	3h30	2h	4h	3h	2h30	2h	1h30	-	-
	50 kW	29h	22h	18h	13h	11h	9h	5h30	9h	7h30	6h	4h30	3h	2h30	1h30
	60 kW	35h	26h	21h	16h	13h	10h30	6h30	11h30	9h	7h	5h30	4h	3h30	2h
	70 kW	40h	30h	24h	19h	15h	12h	7h30	13h30	10h	8h	6h30	5h	4h	2h30
80 kW	46h	34h	27h	22h	17h	14h	8h30	15h30	11h30	9h	7h	6h	4h30	3h	

\*Indicated values

**INCLUDED**

	075320	080676
	✓	—
	—	✓
	✓	✓
	—	✓

**+** more output options...

available on request

IP 65 ↓ 23 x 16 x 9 cm  
↑ 46 x 20,5 x 38 cm / ▲ 6 kg



**SUPER PRO SMART EV CHARGE**

**6 → 32A 1ph / 3ph**

**TIMER FUNCTION**  
Delay start 1h → 24h

075320  
080676



**EV CHARGING - PORTABLE**

**10/16 A 1 ph**

028975



**EV CHARGING - STANDARD CABLES**

**32 A 1 ph**

079687



**EV CHARGING - SPIRAL CABLE**

**32 A 1 ph**

028982

**32 A 3 ph**

079694

	IP	U <sub>1</sub>	I <sub>1</sub>	P					
SUPER PRO SMART EV CHARGE	65	1 ph 3 ph + N	6/8/10/13/ 16/20/32 A	1,4 → 22kW	•	—	—	—	Type 2
EV CHARGING PORTABLE	66	1 ph	10 / 16 A	2,3 / 3,7kW	•	—	—	—	Type 2
EV CHARGING SPIRAL CABLE	66	1 ph	32 A	7,4 kW	—	•	•	5m	Type 2
EV CHARGING STANDARD CABLES	55	1 ph	32 A	7,4 kW	—	•	•	—	Type 2
	55	3 ph	32 A	22 kW	—	•	•	—	Type 2

**OPTION**

↓ 21 x 43 x 57 cm  
060432



# EV BATTERY LIFT

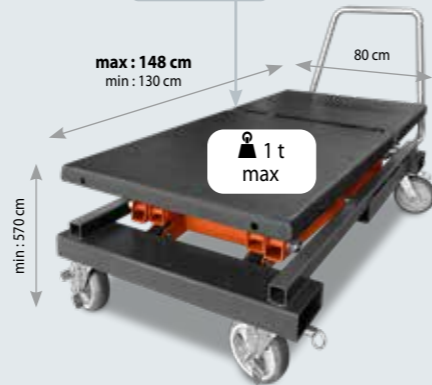
## 1T MOBILE LIFTING TABLE WITH HYDROPNEUMATIC PUMP - Table élévatrice mobile 1 tonne avec pompe hydropneumatique - Mobilier 1-Tonnen-Hubtisch mit hydropneumatischer Pumpe

083912  
Weight : 385 kg



**NEW**  
01 2025

Reserved holes pattern  
- Quadrillage de trous taraudés  
100 x 100 mm  
M10



Hydropneumatic pump  
- Pompe hydropneumatique  
110 s ↑  
30 s ↓  
6-8 bar



## 1.2T LIFTING TABLE FOR ELECTRIC VEHICLE BATTERIES - Table de levage 1.2T pour batteries de véhicule électrique - 1.2T Hubtisch für Elektrofahrzeugbatterien



**NEW**  
01 2025

Reserved holes pattern  
- Quadrillage de trous taraudés  
100 x 100 mm  
M10



230 V ~1 phase 50 Hz

FAST : 45 s ↑

PRECISE : 170 s ↑

40 s ↓



083929  
Weight : 760 kg

Included  
Hydraulic oil 5 L  
Huile hydraulique 5 L  
062160



# EV BATTERY ACCESSORIES

## EQUIPMENT FOR OPERATIONS ON ELECTRIC AND HYBRID VEHICLES - Équipements pour opérations sur véhicules électriques & hybrides - Ausrüstung für den Betrieb von Elektro- und Hybridfahrzeugen

FACE SHIELD WITH HEADBAND  
- ÉCRAN FACIAL AVEC SERRE-TÊTE  
068018



INSULATING GLOVES (T10)  
- GANTS ISOLANTS (T10)  
068025



25 pieces insulated tools 1000V - Coffret de 25 outils isolés 1000V  
- Box mit 25 isolierten Werkzeugen 1000V  
066489



7/8/10/12/14/15/17/19/22 mm sockets - Douilles 7/8/10/12/14/15/17/19/22 mm	x 9	T-handle - Poignée en T	x 1
175 mm universal pliers in chrome vanadium - Pince universelle de 175 mm en chrome vanadium	x 1	Open ended wrenches 7/8/10/12/14/17 mm - Clés plates à fourches 7/8/10/12/14/17 mm	x 6
Cutting pliers 150 mm in chrome vanadium - Pince coupante 150 mm en chrome vanadium	x 1	Cable knife - Couteau pour câble	x 1
3/8" ratchet - Cluqiet en 3/8"	x 1	Philips PhH1x100/PhH2x100 mm screwdriver - Tournevis Philips PHH1x100/PHH2x100 mm	x 2
Extension 100 mm - Rallonge 100 mm	x 1	Flat screwdriver 5.5x125 / 4x100 mm - Tournevis plats 5.5x125/4x100 mm	x 2



Kit for marking the area of intervention  
- Kit pour le balisage de la zone d'intervention  
- Kennzeichnungsset für Hochvolt-Bereiche  
064409



Red and white warning pole - Balise de signalisation rouge et blanche	x 4
Red and white bounding line - Chaîne de délimitation rouge et blanche	x 1
Sign board "Danger, working area EHV" - Pancarte de signalisation "Danger, zone de travail VEH"	x 2



## TROUSERS - Pantalon - Hose



98% cotton,  
2% antistatic  
EN ISO 11611  
Class 2-A1  
& A2  
S (40/42)  
046368  
M (44/46)  
046375  
L (48/50)  
046382  
XL (52/54)  
046399  
XXL (56/58)  
046412

## JACKET - Veste - Jacke



IEC 61482-2  
Class 1-4kA  
EN ISO 11612  
A1+A2-B1-C1-E3-F1  
EN ISO 11611  
Class 2-A1 & A2  
98% cotton, 2% antistatic  
S (40/42) 046313  
M (44/46) 046320  
L (48/50) 046337  
XL (52/54) 046344  
XXL (56/58) 046351

# BATTERY LIFT

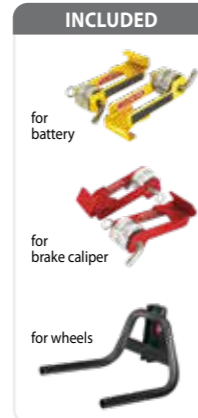
## DIABLE JOBSITE XL

039568  
↓ 18.3 kg ⊗ 66 x 47 x 20 cm / 19.5 kg



## MULTITOOL TRUCK

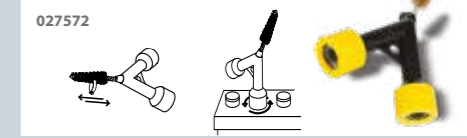
max 200 kg  
067158  
↓ 90 kg  
⊗ 123 x 79 x 39 cm / 95 kg



## DINSE CONNECTORS

	I A max	mm <sup>2</sup>	mm	mm	Compatibility	Ref.
CFM 25.14	200	10/25	14	9	CM 25.14, CF 25.14	x1 045507
CFM 50.21	300	35/50	21	13	CM 50.21, CF 50.21	x1 045606
CFM 70.21	400	50/70	21	13	CM 70.21	x1 047488
CM 25.14	200	10/25	14	9	CF 25.14	x20 045668
CM 50.21	300	35/50	21	13	CF 50.21	x10 045613
CM 70.21	400	50/70	21	13	CF 70.21	x5 045750
CM 95.24	500	70/95	24	13	CF 95.24	x5 047495
CF 25.14	200	10/25	14	9	CM 25.14	x30 045651
CF 50.21	300	35/50	21	13	CM 50.21	x10 045620
CF 70.24	400	50/70	24	13	CM 70.21	x5 045736
CF 95.24	500	70/95	24	13	CM 95.24	x5 072374

## BATTERY TERMINAL CLEANING BRUSH



## QUICK CONNECTORS



## FUSES

	10A	15A	20A	25A	30A	40A	100A	150A	200A	250A	300A	M5	M6	M10	M5	M6
054578	054530	054493	054509	054516	054523	054554	054486	054394	054547	055568	054561	054646	054622	054653	054585	054639

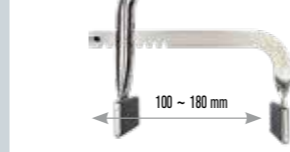
## Anti-arc protection



## SOLAR POWERED CHARGER WITH ACCESSORIES



## Adjustable battery carrier



## Acidimeter (PH Meter)



# ACCESSORIES



## CLAMPS - Pinces - Klemmen - Pinzas - 充电夹

	40 A	60 A	60 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	300 A	600 A
I 100%	30 A	60 A	60 A	100 A	200 A	120 A	120 A	120 A	170 A	200 A	-	-
I peak	75 A	150 A	150 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	-	-
max	× 30 mm	× 25 mm	× 25 mm	× 38 mm	× 45 mm	× 40 mm	× 35 mm	× 28 mm	× 44 mm	× 55 mm	× 38 mm	× 38 mm
max	2.5 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	16 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	25 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	70 mm <sup>2</sup>	50 mm <sup>2</sup>	95 mm <sup>2</sup>

## CABLE LUGS - Cosses - Terminal Kabelschuhe - Kabelschuhe

16 mm <sup>2</sup> M10 ×10	038219	75 mm <sup>2</sup> M16 ×10	038257	25 mm <sup>2</sup> M5 ×100	047525	10 mm <sup>2</sup> M16 ×100	047501
25 mm <sup>2</sup> M10 ×10	038226			35 mm <sup>2</sup> M6 ×100	047532	16 mm <sup>2</sup> M15 ×100	047518
35 mm <sup>2</sup> M14 ×10	038233			50 mm <sup>2</sup> M10 ×100	047549	70 mm <sup>2</sup> M10 ×100	047556
50 mm <sup>2</sup> M14 ×10	038240	125 mm <sup>2</sup> M15 ×5	038264			95 mm <sup>2</sup> M10 ×50	047570

## CABLES EN 60245-6/H01N2-D (Rubber - Caoutchouc)

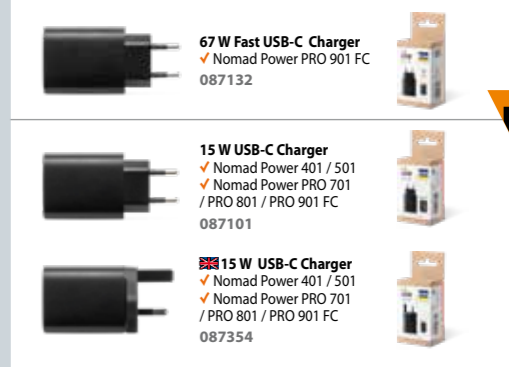
EN 60974-9	↔ L		A (60%)	A (35%)
16 mm <sup>2</sup>	100 m	046252	121	131
	× m	046207		
	5 m	045408		
25 mm <sup>2</sup>	100 m	046603	165	185
	× m	046306		
	100 m	046702		
35 mm <sup>2</sup>	100 m	046405	211	243
	× m	046757		
	100 m	046801		
50 mm <sup>2</sup>	100 m	046832	275	323
	× m	046832		
70 mm <sup>2</sup>	100 m	046832	351	419
95 mm <sup>2</sup>	100 m	046863	433	527

## HIGH FLEXIBILITY ELECTRICAL CABLES

	↔ L		A (60%)	A (35%)
10 mm <sup>2</sup>	100 m	054882	88	92
	20 m	056107		
16 mm <sup>2</sup>	100 m	054905	120	130
	20 m	056121		
25 mm <sup>2</sup>	100 m	054929	164	184
	20 m	056145		
35 mm <sup>2</sup>	100 m	054943	210	240
	20 m	056169		
50 mm <sup>2</sup>	100 m	054967	273	320
	20 m	056183		
70 mm <sup>2</sup>	50 m	056565	310	380

## BATTERY TERMINAL

	10 mm / 35 mm <sup>2</sup>	13 mm / 50 mm <sup>2</sup>	16 mm / 70 mm <sup>2</sup>
054400	x25 054431	x25 054332	x25 054417
	x25 054448	x25 054349	x25 054356
		x25 054424	x25 054363
			x25 054370
			x25 054387



NEW

### HAND LAMPS - Lampes baladeuses - Handleuchte

#### PORTABLE LAMP 400 L

**400 lumens**

COB LED  
Li-ion  
Charging time: 8h  
**operating time**  
High position: 2.5 h  
Low position: 5 h  
Top light (1 W): 6 h

↳ 23 x 6.5 x 4 cm / 480 g  
↳ 13 x 7 x 23.5 cm

059153

#### PORTABLE LAMP PRO 600 L

**250-600 lumens**

COB LED, 80 CRI  
3.7 V - 2200 mAh Li-ion  
micro USB charging (3.5 h)  
**operating time**  
High position: 1.5 h  
Low position: 4.5 h  
Top light (100 lumens): 10 h

↳ 19 x 5.6 x 2.9 cm / 240 g  
↳ 9 x 13 x 23.2 cm / 520 g  
IP54

060883

### UNDER BONNET LAMP - Lampe sous capot - Leuchte für Motorhaube

#### UNDER BONNET LAMP 600 L

**500-1000 lumens**

120 COB LED  
3.7V - 4000 mAh Li-ion  
charging time: 10/12 h  
**operating time**  
High position: 4 h  
Low position: 8 h

↳ 26 x 10 x 10 cm  
↳ 2.3 kg  
↳ 23.5 x 12 x 69.5 cm

059962

#### UNDER BONNET LAMP 800 L

**250-800 lumens**

120 COB LED  
3.7V - 4000 mAh Li-ion  
charging time: 10/12 h  
**operating time**  
High position: 3 h  
Low position: 6 h

↳ 2kg  
↳ 60.7 x 15 x 11.3 cm

058002

### INSPECTION LAMP - Lampe inspection - Inspektionslampen

#### INSPECTION LAMP MINI 350 L

**0-350 lumens**

COB LED  
3.7V - 1100 mAh Li-ion  
USB charging (3 h)  
**operating time**  
3 > 6.5 h

IP 20  
075894

#### INSPECTION LAMP PRO 800 L

**120-800 lumens**

COB LED  
3.7V - 2600 mAh Li-ion  
USB charging (4 h)  
**operating time**  
2.5 > 9 h

IP 54  
075900

#### FRONTAL INSPECTION LAMP 280 L

**100-280 lumens**

3 W COB LED  
80 CRI+, 6500 K  
3.7 V - 1500 mAh Li-po  
micro USB charging  
**operating time**  
High position: 2 h  
Low position: 6 h

IP 65 / ↳ 7.8 x 4.7 x 4.2 cm  
↳ 40 x 8.8 x 5.5 cm / 200 g

060845

### 360° AMBIANT LAMP - Lampe ambiance 360°

#### AMBIANCE LAMP 360° PORTABLE 1000 L

**60 > 1000 lumens**

>80 CRI SMD LED  
6500 K  
3.7V - 5200 mAh Li-ion  
USB charging (4.5 h) / USB power supply  
**operating time** 2 > 27 h

↳ 26 x 7.5 x 7.5 cm / 660 g  
↳ 7.8 x 8 x 35 cm  
IP 54

059764

### WORKLIGHT WITH TRIPOD - Projecteur sur trépied - Arbeitsleuchte mit Standfuß

#### TRIPOD LAMP 1800 L

**1800 lumens**

3x 55 COB LED  
total 165 LED  
1.8 m power cord

↳ 3.2 kg  
↳ 95 x 14.5 x 14 cm

059146

#### TRIPOD LAMP 3000 L

**3000 lumens**

35 W COB LED  
2 m power cord

IP 44  
↳ 4.1 kg  
↳ 103 x 21.5 x 10 cm

059979

#### TRIPOD LAMP 4000 L

**4000 lumens**

3x 20 COB LED,  
total 60 LED  
3 m power cord

↳ 6.4 kg  
↳ 22 x 16 x 116 cm

059986

## AUTOMOTIVE BATTERIES

Batteries de démarrage - Starterbatterien - Baterias de arranque  
- Automotive accu's - Baterias de Automóvel - Mnatopiec  
орудитив - Пусковые батареи - 汽车启动电池

Curves	LIQUID Calcium / Silver	Start & Stop / AGM / EFB / GEL / Optima	Unattended charge	100% charged	Maintenance	Battery desulphation	Fast Charge	Fast Charge ++
<b>W</b>	✓	-	-	-	-	-	-	-
<b>W2</b>	✓	-	✓	-	-	-	-	-
<b>WU</b>	✓	-	✓	-	✓	-	-	-
<b>WUoU</b>	✓	✓	✓	✓	✓	-	-	-
<b>IWUoU</b>	✓	✓	✓	✓	✓	✓	✓	-
<b>I REGULATED IUoU FAST CHARGE</b>	✓	✓	✓	✓	✓	(except Artic)	✓	✓
<b>7 STEP GYSFLASH Pb</b>	✓	✓	✓	✓	✓	✓	✓	✓

GYSFLASH Lithium

**8 STEP Li-ion**

**8 STEP LiFePO<sub>4</sub>**

**9 STEP Li-ion**

**9 STEP LiFePO<sub>4</sub>**

**LiFePO<sub>4</sub> / Li-ion / Li-Po / NMC / LCO / MCO / NCA...**

## MARKETING

Catalogs and posters available for download on our website [www.gys.fr](http://www.gys.fr)

**A - Barnum**  
3 x 3 m  
098022

**B - Open Barnum**  
2 x 2 m  
098039

**C - Oriflamme**  
3 x 0,50 m  
098015

**FA1**

**FA2**

**SB1**

Display stand - Podium de présentation - Podest (machines not included)

063204  
A: 45 cm, B: 50 cm, C: 50 cm

063211  
A: 80 cm, B: 50 cm, C: 50 cm

Retail display space with 2 shelves - Linéaire de vente avec 2 étagères - Lochwandregal mit 2 Böden (machines not included)

060784

Type	FA1	FA2	SB1
complete - complet - komplett	062429	062443	061149
without display stand - sans linéaire - ohne Regal	062436	062450	062412

### Parallel

12V 80Ah  
+  
12V 60Ah  
+  
12V 120Ah  
+  
12V 100Ah  
= 12V / 360Ah

### Serial

6V 150Ah  
+  
6V 150Ah  
+  
6V 150Ah  
+  
6V 150Ah  
= 24V / 150Ah

12V 60Ah  
+  
12V 60Ah  
+  
12V 60Ah  
+  
12V 60Ah  
= 240Ah

12V 60Ah  
+  
12V 60Ah  
+  
12V 60Ah  
+  
12V 60Ah  
= 240Ah

Σ =

24V / 240Ah