



# GYSFLASH 102.12

Battery charger unit



Ref.. 029606

Specifically designed to be fitted on a wall or on a car lift, the vertical GYSFLASH 102.12 is a very powerful inverter battery charger able to supply up to 100A.. The GYSFLASH 102.12 will keep the battery's voltage perfectly stable at 12V during the diagnostic phases. It will deliver the best charging cycle recommended for the maintenance of the most advanced vehicles on the market.



## Supplied with:



### Clamps

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



### Wall mount

2 set



### Intuitive interface

available in 16 languages

## 5 DIFFERENT MODES TO USE

- **Charge:** for 12V batteries (lead-acid/AGM/gel) from 20 to 1200 Ah.
- **Diag +:** support up to 100 A the 12V batteries for vehicles in diagnostic phase.
- **Battery change:** ensures a stabilised power supply to the vehicle during battery replacement to preserve memory settings.
- **Power Supply:** adapt the charger in stabilised power supply with voltage and adjustable maximum current.
- **Showroom:** the charger will compensate the current used by the consumers in use on the vehicle.

## ADVANCED FUNCTIONS

- The «Auto Restart» function means that the charger will memorise the settings in case of a power cut and restart automatically.
- Control and calibration of cables, the charger can be fitted with cables up to 2x8m long and 16mm<sup>2</sup> thick.
- Locked in Showroom mode, avoid the risks of misuse, perfect for garages and exhibition spaces.
- 4 charging curves available, whose the Easy mode for a simplified charge adapted to all lead acid batteries.
- Activation and set-up of an «Expert» charging curve.

## 100% AUTOMATIC CHARGE

- The 9 step charging curve ensures maximum battery performance and longevity.
- It can recover deeply discharged batteries below >2 V (SOS automatic Recovery).

## ULTRA SAFE

- Protection of the vehicle's on-board electronics: protection against short circuits, polarity reversal and overcharging. Anti-spark technology.
- Interchangeable fusible which protect against misuse.
- Temperature sensor to prevent internal electronics overheating.
- Automatic stand-by mode if the battery is disconnected.

## ERGONOMIC

- Compact and robust box with front cable reel (2 x 5 m).
- Pads for shock and vibration absorption.
- Optional wall mount with sliding system or magnetic (Magnetfix).

## Accessories



MagnetFix  
029637



Clamps: 2 x 8 m - 16 mm<sup>2</sup>  
056572



Suitcase  
060432

|          |       |         |     |           |                    |                      |                                 |                 |                |      |                 |                            |        |                   |       |
|----------|-------|---------|-----|-----------|--------------------|----------------------|---------------------------------|-----------------|----------------|------|-----------------|----------------------------|--------|-------------------|-------|
|          |       |         |     |           |                    |                      |                                 |                 |                |      |                 |                            |        |                   |       |
| 50/60hz  |       | Icharge | V   | Ah        | ZZ                 | Ondulation<br>Ripple | Charging<br>Curve               | 40° C /<br>230V | IP             | cm   | SOS<br>recovery |                            |        |                   |       |
| 220-240V | 1600W | 100A    | 12V | 20-1200Ah | <0,05 Ah/<br>month | <150 mV<br>Rms       | I <sub>U</sub> I <sub>0</sub> U | 9 step          | 66 A @<br>100% | 125A | IP 21           | L 29,5<br>D 34,5<br>H 11,7 | 5,8 kg | Automatic<br>< 2V | 2,5 m |

# GYSFLASH 100.12 HF

Battery support- and charger units



Ref.. 029071

Gysflash 100-12 HF is a 100A high power stabilised supply incorporating Inverter technology.

## 5 DIFFERENT MODES TO USE

- **Battery support:** sustains 12V (liquid or gel) automotive battery during diagnostic work.
- **Advance battery charger:** ensures an ideal charging cycle for battery maintenance for the most modern vehicle.
- **Showroom mode:** maintains batteries in showroom vehicles.
- In «**battery change**» mode, will maintain electrical supply to preserve vehicle memory settings.
- **High power stabilised supply:** voltage & current adjustable.

## AVANCED FEATURES

- Automatic restart
- Cable test and calibration
- Showroom mode lock
- "Easy charge" mode
- Activate and adjust an "expert" charging curve
- Automatic SOS recovery for sulphated battery

## CABLES

- Fitted with 2x2.5m - 16mm<sup>2</sup> cables. It can be fitted with 2x5m - 16mm<sup>2</sup> and more. The calibration is automatic.

## TECHNOLOGY

- High duty cycle 93% (15% more energy)
- No external ventilation = No dust ingrees



**Inverter** - This technology enables:

- A better duty cycle for a light wieht (6.1 kg).
- Shock and vibration absorbing feet.



## SLIM SIZE

The height of the charger (<11cm) enables to place it under vehicle.

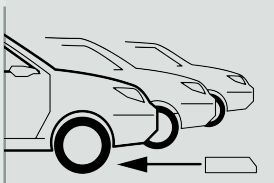


## INTUITIVE INTERFACE

- 8 Languages available



## Features



### SHOWROOM MODE AND REDUCED DIMENSIONS:

- Slim height (< 11 cm): to enable placement under vehicle.
- Showroom mode lock: to avoid mishandling ideal for garages and showrooms.
- Automatic restart: will automatically resume the mode from last position in case of power failure.

|         |       |                     |          |           |                               |            |       |          |                  |      |           |                            |        |
|---------|-------|---------------------|----------|-----------|-------------------------------|------------|-------|----------|------------------|------|-----------|----------------------------|--------|
| 50/60hz | 1500W | $I_{max}$ 100% @30% | <b>V</b> | <b>Ah</b> | Charging Curve                | <b>BSU</b> |       |          | Charging Battery |      | <b>IP</b> |                            |        |
| 230V    | 1500W | 100A                | 12V      | 20-1200Ah | I <sub>U</sub> I <sub>U</sub> | Diag       | Diag+ | Showroom | 12,9V            | 125A | IP 21     | L 32,0<br>D 29,2<br>H 10,5 | 6,1 kg |



## TROLLEY

Well-designed and practical trolley for 100.12 HF. We recommend this solution for garages that are going to use the charger in various places. This provides a stable location including the best possible protection.



## SHELF

Practical shelf for 100.12HF. We recommend this solution for garages that are going to use the charger on a permanent work station.

