Gysflash 75-12 HF (SMPS)



12V

Gysflash 75-12 HF is a 75A high power stabilized supply, incorporating Inverter SMPS technology (Switch Mode Power Supply) with 4 functions:

- . Can sustain the vehicles electrical supply during diagnostic work
- Ensures an ideal charging cycle for battery maintenance for the most modern vehicles
- . In « Change battery » mode, will maintain electrical supply to preserve vehicle memory settings
- . Ensures the health of the battery of a demonstration vehicle

7 languages available

Adaptable to any input voltage between 100V to 240V Detachable charge cables - 16mm²x5m (Anderson connector) Detachable power cable

« Charge » mode

- →Constant current and voltage (IUoU curve) :
- →Inverter SMPS technology:

Reduces charging time by 50% compared to conventional chargers, capable of a full 100% battery charge

« Change Battery » mode

75-12 HF ensures a stabilized power supply to the vehicle during battery replacement to preserve memory settings.

« Diagnostic » mode

During diagnostic work, the Gysflash 75-12 HF provides all the energy needed by the vehicle up to 75A (in accordance with manufacturers' recommendations), avoiding risk of damage due to deep battery discharge.

Gysflash 75-12 HF delivers a 13.5V stabilized voltage. It can be defined by the user from 12 to 15 V (0.1V steps).

Consumption alert :

To avoid deeep battery discharge, Gysflash 75-12 HF indicates if consumption is over 75A.

« Showroom » mode

During showroom work, the Gysflash 75-12 HF provides all the energy needed by the demonstration vehicle. This mode allows the use of various electronic components of the vehicle without risk of discharging or damaging the battery.



Advanced functions

Delayed charge (charge mode) :

Can delay charge cycle up to 24H

Floating mode (charge mode, can be deactivated): Maintains a full battery charge after the end of the cycle

Calibration function (in case of cable change/wear):

Calibrates the charger to the specification of the cables connected (length and section) in order to manage voltage drops through the cables.

Comprehensive protection

For onboard electronics, the charger itself, the battery and the user :

- ✓ Automatic detection and check of the battery voltage
- Zero voltage is supplied to the clamps if not connected to the battery
- ✓ Protection against polarity reversal
- ✓ Anti spark system
- ✓ Isolated charge clamps with braid
- ✓ Protected against short circuits
- ✓ IP 21





(€ EN 60335-2-29

50/60Hz	w		START mini	BOOST	10000000	JALIZE DRPTION Liquid	FLOATING	diag	BSU	FUSE	₽	ė
85>265V	1150W	12V	1V	1>75A	13,9V	14,6V	13,6V	13,5V 12>15V		80A	48x32,5x16 cm	7,8 kg