




The GYSFLASH 12.12 is specifically designed to charge all types of 12V batteries such as cars, utility vehicles, motor homes, buses or commercial vehicles. It features an 8 step intelligent charging curve for an optimal charge; as well as a «Supply» mode to support and maintain showroom vehicle batteries.

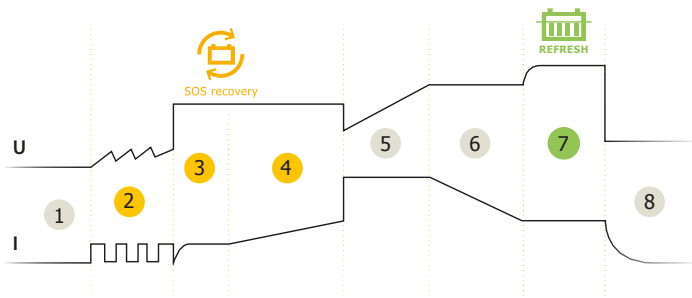
## IDEAL FOR CARS AND 12V COMMERCIAL VEHICLES

- **Designed for 12 V batteries from 1.2 to 250 Ah**, or for maintenance charging up to 330 Ah.
- **2 charge modes** for maximum versatility :
  - **AGM** : Charge mode for cold weather (*less than 5°C*) and for Start & Stop batteries (*EFB & AGM*).
  - **Refresh**  : Recovers deeply discharged batteries.
- **Supply mode** , transforms the charger into a stabilised power supply :
  - maintains battery health during vehicle demonstrations (*showroom*).
  - preserves memory settings during battery replacement.
- **Optimised maintenance charge**, the charger can remain plugged in indefinitely during winter to maintain the health of the battery. «Auto Restart» feature so the charger can restart automatically with the right settings after a power cut.



## HIGH PERFORMANCE CHARGE

- The **8 step charging curve** ensures maximum battery performance and longevity.
- **External temperature sensor**, for an optimal battery charge whether it's summer or winter. The charger adjusts the charging curve depending on ambient temperature.
- It recovers deeply discharged batteries >2V (*SOS Recovery* ).



- 1 Analysis
- 2 Recovery
- 3 Test
- 4 Desulfation
- 5 Charge
- 6 Absorption
- 7 Refresh (option)
- 8 Floating charge

Supplied with :



















Clamps  
(1.9 m)

## SAFETY / PROTECTION FOR VEHICLE ELECTRONICS

- **Protection of the vehicle's on-board electronics**: protection against short circuits, polarity reversal and overcharging. Anti-spark technology.
- **Automatic stand-by mode** if the battery is disconnected.
- **Integrated temperature probe** to prevent internal electronics' overheating.
- **Simplified interface** to prevent user error.

## ERGONOMIC

- Ultra-compact design, light and portable.
- Resistant to dust and water ingress (IP65 - not waterproof).
- Can be attached to a wall.

															
220-240 V AC	195 W	12 A	12 V	20 < 250 Ah	20 < 330 Ah	<0.4 Ah/month	<100 mV Rms	IU <sub>0</sub> U	8 step	1.1	221 x 111 x 58	195 x 365 x 70	Automatic >2V	IP 65	2 m