

Stecamat 860

Processor-controlled charger for lead-acid batteries

The battery charger Stecamat 860 is available in a dust and hoseproof housing. The processor-controlled charging process ensures gentle and rapid charging of your battery. The Stecamat 860 also enables the processing of damaged or totally discharged batteries, ensuring long service life. A LED provides rapid information on the state of charge. Maximum flexibility is provided by the extensive features. This and the easy handling of the device make for trouble-free operation.

Product features

- IP 65 jet waterproof casing
- Half the charging time compared to simple, non-controlled chargers with the same rated current
- Optimal for charging batteries with liquid electrolyte and gel / absorbed electrolyte (AGM)
- Suitable for totally discharged batteries
- Constant battery operational readiness through integrated trickle charge
- Charging below the gassing voltage
- Optimal charging of damaged batteries
- Potential-free contact for ventilator control of the battery room venting system

Electronic protection functions

- Protection in the case of wrong or damaged batteries
- Battery overcharge protection
- Charger output protected against short circuits, reverse polarity and overvoltage

Displays

- Multi-coloured LED shows operating states

Operation

- Mains grid switch

Interfaces

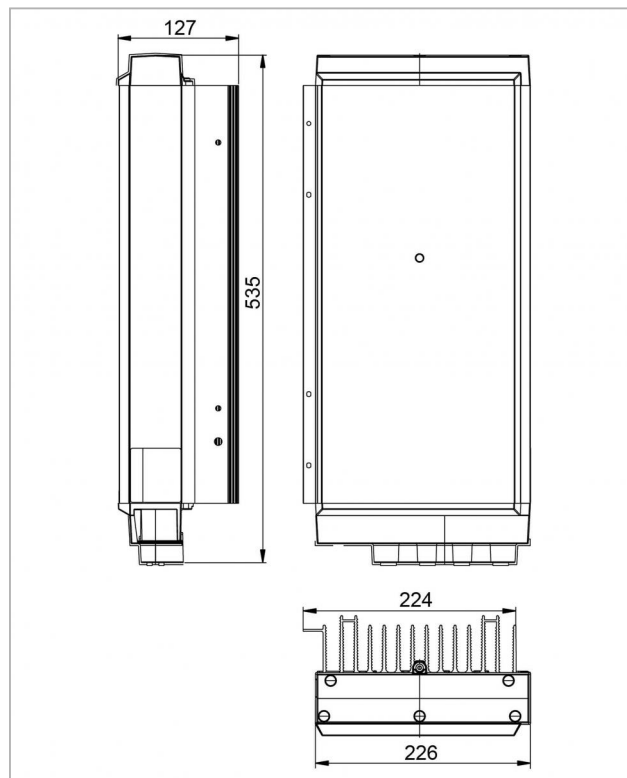
- Control contact for ventilation control system in accordance with DIN EN 50272

Options

- IO box with mains plug and relay for ventilator control



Quality made
in Germany



	860-12	860-24	860-48
Charging rated voltage	12 V	24 V	48 V
Charge current	50 A	35 A	18 A
End-of-charge voltage	14.4 V	28.8 V	57.6 V
Trickle charge voltage	13.8 V	27.6 V	55.2 V
Characteristic curve	UoIUoIU		
Grid voltage	230 V AC ± 10 %		
Frequency	50 Hz (45 Hz ... 65 Hz)		
Mains electricity (230 V)	3.7 A	5.5 A	5.5 A
Discharge current during grid failure	1.0 mA		
Protection class	I		
Casing	aluminium / plastic		
Degree of protection	IP 65		
Ambient temperature	-40 °C ... +60 °C		
Cooling principle	convection		
Dimensions (X x Y x Z)	226 x 535 x 127 mm		
Weight	11.5 kg		