

Stecamat 820

Processor-controlled charger for lead-acid batteries

The battery charger Stecamat 820 is available in a light, compact housing. The processor-controlled charging process ensures gentle and rapid charging of the battery. The current, voltage, time and ideal monitoring of the battery are individually adjusted by the setting of the rated capacity. The Stecamat 820 also enables the processing of damaged or totally discharged batteries, ensuring long service life. A LED provides rapid information on the state of charge. The wide range of features make for high flexibility of use. This and the easy handling make for trouble-free operation, even when wearing gloves.



Quality made
in Germany

Product features

- 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)
- Adjustable rated capacity determines the charging current
- Suitable for totally discharged batteries
- Constant battery operational readiness through integrated trickle charge
- Ready for operation in just a few minutes
- Charging below the gassing voltage
- Optimal charging of damaged batteries

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

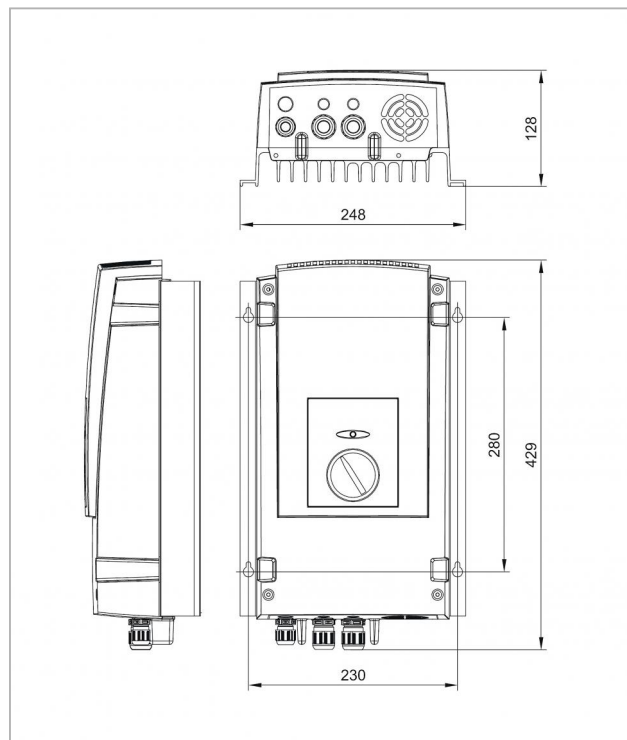
- Adjustable rated capacity via rotary switch

Interfaces

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

Options

- IO box with mains plug and relay for ventilator control



	820-12	820-24	820-48
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	plastic		
Degree of protection	IP 20		
Ambient temperature	-20 °C ... +60 °C		
Cooling principle	regulated fan		
Dimensions (X x Y x Z)	248 x 429 x 128 mm		
Weight	6.0 kg		