

Stecamat 861

Processor-controlled charger for lead-acid batteries

The battery charger Stecamat 861 is available in a dust and hoseproof housing. The processor-controlled charging process ensures gentle and rapid charging of your battery. For individual adjustment of current, voltage, time and the ideal monitoring of your battery, the Stecamat 861 battery charger has a selection of preset battery profiles and the option of entering new battery profiles. The Stecamat 861 also enables the processing of damaged or totally discharged batteries, ensuring long service life. A backlit display 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.



Quality made
in Germany

Product features

- Besides preset battery profiles there is the option of entering new battery profiles
- 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)
- Adjustable rated capacity determines the charging current
- 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
- Individually programmed upon request

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
- Surge protection in on-board power supplies

Displays

- Multifunction graphical LC display with backlighting
- for voltage, current, charged capacity, charging phase, menu

Operation

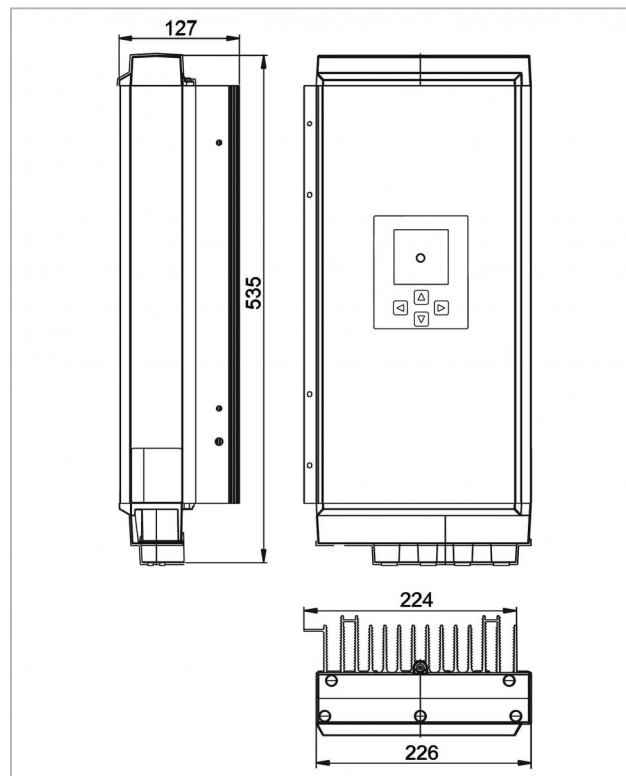
- Mains grid switch
- Four cursor buttons for menu selection

Interfaces

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

Options

- IO box with mains plug and relay for ventilator control



	861-12	861-24	861-48
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	-20 °C ... +60 °C		
Cooling principle	convection		
Dimensions (X x Y x Z)	226 x 535 x 127 mm		
Weight	11.5 kg		