

Solar controller Steca Solsum

Order-No: P 821*

- Voltage regulation
- Automatic detection of voltage
- PWM control
- Multistage charging technology
- Current compensated load disconnection
- Automatic load reconnection
- Temperature compensation

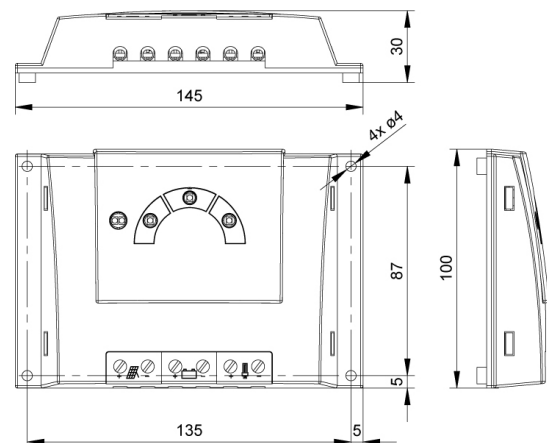


Description:

The Steca Solsum F-Line continues the huge success of one of the most used SHS controllers. With a power range of up to 10 A at automatically recognized 12 V or 24 V it fits to a system sizes of maximum 240 W. The circuit board is completely electronically protected and with the LED user interface it is easy to check the battery state of charge at any time. Large terminals guarantee a simple connection of solar panels, battery and load. The Steca Solsum F works on PWM as a low loss series controller.

Electronic Protection:

- Overcharge protection
- Deep discharge protection
- Reverse polarity protection of load, module and battery
- Automatic electronic fuse
- Short circuit protection of load and module
- Overvoltage protection at module input
- Open circuit protection without battery
- Reverse current protection at night
- Overtemperature and overload protection



Characteristic	Description / Value		
Type	6.6F	8.8F	10.10F
System voltage	12 V (24 V)		
Own consumption	< 4 mA		
Module current	6 A	8 A	10 A
End of charge voltage	13.9 V (27.8 V)		
Boost of charge voltage	14.4 V (28.8 V)		
Deep discharge protection (LVD)	11.2 ... 11.6 V (22.4 ... 23.2 V)		
Operating temperature	-25 ... +50 °C		
Protection	IP 32		
Dimensions	145 x 100 x 30 mm		
Weight	approx. 150 g		
Manufacturer	Steca Elektronik GmbH		