

MPPT Charge Controller Steca Solarix

Maximum power point tracking

Steca Solarix MPPT are solar charge controllers with maximum power point tracking. These are suitable for all common module technologies and are optimally suited for solar systems with module voltages higher than the battery voltage.

Maximum efficiency

They are especially suitable in locations where it is very important to maximize the efficiency of the installed solar power, or in combination with large solar panels that are normally designed to work on the grid. Steca's efficient MPP tracking algorithm always provides the maximum usable power of the module.

Smart charge/discharge management

Additionally, these controllers provide a maximum battery durability, thanks to smart charge/discharge management and their remarkable protection features. The MPPT Steca Solarix Controllers have an intuitive LCD screen with menu guidance and push buttons.



Steca Solarix MPPT 3020



Steca Solarix MPPT 5020

FEATURES

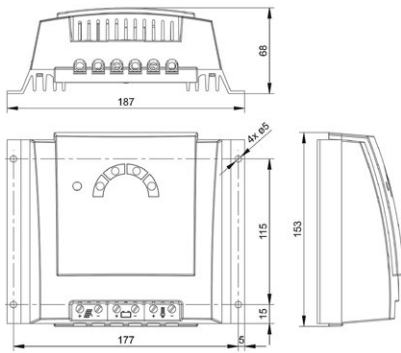
- Maximum power point tracking (MPPT).
- Push buttons and LCD screen integrated, allowing the visualization of operating parameters and alarms.
- Voltage and current automatic regulation.
- Overtemperature compensation functions.
- Protections against overcharge, deep discharge, reverse polarity, short circuit, etc.
- LED functional display with operating states, state of charge and fault messages.

STECA SOLARIX

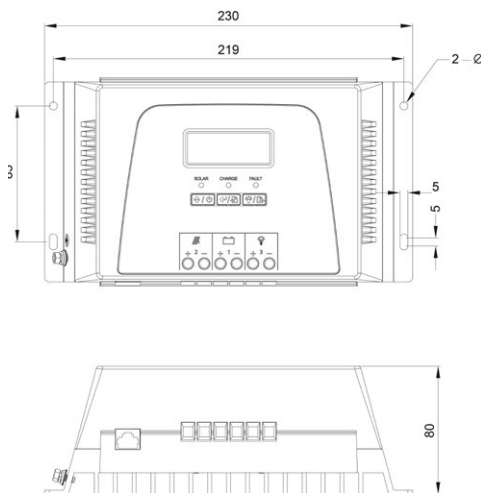
MPPT Steca Solarix Controller

MPPT STECA SOLARIX CONTROLLER	SOLARIX MPPT 1010	SOLARIX MPPT 2010	SOLARIX MPPT 3020	SOLARIX MPPT 5020
System voltage (V)	12 / 24 V			12 / 24 / 48 V
Max. PV power (W)	125 / 250 W	250 / 500 W	450 / 900 W	750 / 1500 / 3000 W
Peak efficiency (%)	98%			
Self-consumption	10 mA			
Max. Voltage PV	75 V	100 V		150 V
DC Output load current	10 A		20 A	
Charge current battery	10 A	20 A	30 A	50 A
End-of-charge voltage	13.9 / 27.8 V		14.1 / 28.2 V	14.1 / 28.2 / 56.4 V
Boost charge voltage	14.4 / 28.8 V		14.4 / 28.8 V	14.4 / 28.8 / 57.6 V
Operating temperature	- 25 a + 40°C			
Dimensions	187 x 153 x 68 mm		230 x 130 x 80 mm	250 x 230 x 85 mm
Weight	900 g		1370 g	3140 g

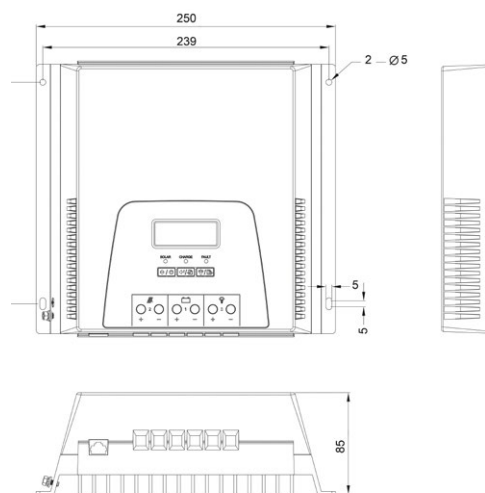
Steca Solarix MPPT 1010 / 2010



Steca Solarix MPPT 3020



Steca Solarix MPPT 5020



! Specifications subject to change without previous notice.

