

SCM25 MPPT



Product code: 131902500

Specifications

Specifications battery charger

Max. charge current at 40 °C / 104 °F

System voltage (battery)

Battery types

Battery temperature sensor

Lithium Ion protection

Switchable output (max. current)

Energy consumption (night)

25 A

12/24 V auto select

AGM, gel, wet, Lithium Ion

yes

via Multipurpose Contact Output, product code 77030500

25 A

5 mA

Specifications solar input (DC)

Nominal PV current at 40 °C / 104 °F

PV start voltage (12/24 V)

Nominal PV voltage (12 V)

Nominal PV voltage (24 V)

Max. PV voltage (Tmin)

Max. PV power (12 V)

Max. PV power (24 V)

Max. efficiency

Static MPP efficiency

18 A

15 V/27 V

15-66 V

30-66 V

75 V

360 Wp

720 Wp

> 98 %

99.9 %

General specifications

Cooling

Display/read-out

Dimensions, hwxwd

Weight

Alarms

Protection degree

Grounding

passive

backlit LCD with PV power, load power, battery voltage, charge current, warnings, battery state of charge, battery setting

135 x 190 x 75 mm

5.3 x 7.5 x 3.0 inch

1.3 kg

2.9 lb

buzzer

IP23

(-) terminal

Technical specifications

Technology

Temperature range (ambient temp.)

Cable size

Protections

Relative humidity

MPPT (Max. Power Point Tracker)

-20 °C to 55 °C

-4 to 131 °F

max. 10 mm² Litz wire

over temperature, over load, high/low battery voltage, high/low PV voltage, short circuit, reverse polarity & HV transients

95% non-condensing