85 A MPPT Solar Charge Controller

FEATURES

- Up to 4,400 W solar input (48 V)
- Over 30% greater charging efficiency than PWM
- Remote LCD screen
- Oversized heatsink
- Bluetooth

EX-85ASC

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Electrical Parameters	
Battery type	LiFePO4, lead acid (sealed/gel/flooded)
Max. PV input current	85 A
Rated charging current	0 A - 85 A (adjustable)
Max. PV input power (12 V)	1,100 W
Max. PV input power (24 V)	2,200 W
Max. PV input power (48 V)	4,400 W
Full charge voltage	14.4 Vdc
Connection type	Screw terminal block
PV reverse polarity protection	Yes
Battery reverse polarity protection	No
Battery over charge protection	Yes
TVS protection	Yes
PV over voltage protection	Yes
PV over current protection	Yes
Ingress protection	IP32

Mechanical Parameters	
Dimensions	12.4 in x 9.0 in x 4.8 in (314 mm x 227 mm x 121 mm)
Weight	12.5 lb (5.7 kg)

Bluetooth Parameters	
Bluetooth version	BLE 4.0
Bluetooth range	30 ft (9 m)
Stand-by power consumption	0.04 W
In-use power consumption	0.05 W

NOTE: Please see the user manual for complete operating instructions.

Revision 05/18/22