



120 W Portable Solar Panel



EX-SP-P120W

120 W Portable Solar Panel

Electrical Parameters	
Peak power (Pmax)	120 W
Voltage at Pmax (Vmp)	19.8 Vdc
Current at Pmax (Imp)	5.75 A
Open circuit voltage (Voc)	23.0 Vdc
Short circuit current (Isc)	6.03 A
Power tolerance	± 5 %
Cell type	Monocrystalline

Mechanical Parameters	
Folded dimensions (L x W x H)	21.25 in x 30.5 in x 2 in (540 mm x 775 mm x 50 mm)
Deployed dimensions (L x W x H)	42.25 in x 30.5 in x 1 in (1080 mm x 775 mm x 25 mm)
Weight	11.35 lb (5.2 kg)
Wire size	16 AWG
Connector	SAE
Fuse protection	None
Frame material	ETFE
Ingress protection	IP65
Temperature range	14 °F to 122 °F (-10 °C to 50 °C)
Compliance	RoHS

DISCLAIMER: While every precaution has been taken to ensure the accuracy of the contents within this document, Expion360, Inc. assumes no responsibility for errors or omissions. Note that specifications and product functionality may change without notice.

10 A MPPT Solar Charge Controller



EX-10ASC

10 A MPPT Solar Charge Controller

Electrical Parameters	
Battery type	LiFePO ₄
Max. PV input current	10 A
Rated charging current	10 A
Max. PV input power (12 V)	130 W
Full charge voltage	14.4 Vdc
Float charge voltage	13.8 Vdc
Connection type	SAE
PV reverse polarity protection	Yes
Battery reverse polarity protection	Yes, if PV is disconnected
TVS protection	No
Battery over charge protection	Yes
PV over voltage protection	Yes
PV over current protection	Yes (max. 15 A)
Ingress protection	IP67

Mechanical Parameters	
Dimensions	4.9 in x 3.5 in x 1.2 in (124 mm x 89 mm x 30 mm)
Weight	1.2 lb (0.54 kg)

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

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