



PVC 2200 EnergE > PV Charger

Product Feature

- Lower CAPEX for solar panel – high efficient MPPT
- Flexible panel arrangement – wide input voltage range
- Energy saving – high power density
- Up to 4 modules per 1U / 23” shelf
- Up to 3 modules per 1U / 19” shelf
- Applicable in outdoor applications
- Easy installation, commissioning and maintenance

Specifications

Model	PVC 2200B-48
1. Input	
Mains voltage	50 - 350 V
Mains voltage (full power)	250 - 350 V
Current	10 A
EMI (conducted)	EN 55022, class A
Protection	Internal fuse
2. Output	
Nominal system voltage	-48 V
Peak power	2200 W
Current limitation	46.0 A
Over voltage protection	59.0 V
EMI (conducted)	EN 55022, class A
Protection	Internal fuse
3. General	
Efficiency	96.0%
MPPT efficiency	>99.5 %
Power density	27.7 W/in ³
Control Interface	CAN
Control and monitoring	ORION
User interface	Status indication
Dimensions (W x H x D)	125.5 x 41.0 x 269.9 mm (4.9 x 1.6 x 10.6 in)
Weight	2.0 kg (4.4 lb)
4. Standards	
Safety	IEC 62109
EMI (radiated)	EN 55022, class B
Environment	RoHS compliant
Cooling	Fan cooled
Acoustics	55 dB (A)
Operating temperature	-40 to +75 °C (-40 to +167 °F)
5. Ordering information	
Part number	PVC 2200B-48

*All specifications are subject to change without prior notice.

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