

Skype



MPPT

XW-MPPT 60-150, XW-MPPT 80-600



Bornay Schneider Electric Conext XW MPPT



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Bornay Schneider Electric Conext ComBox





Bornay Schneider Electric ComBox App

The MPPT is a photovoltaic (PV) charge controller that tracks the maximum power point of a PV array to deliver the maximum available current for charging batteries. When charging, the MPPT regulates battery voltage and output current based on the amount of energy available from the PV array and state-of-charge of the battery.

Benefits

Easy to install:

- Configurable auxiliary output
- LCD screen with face plate buttons for configuration and system monitoring
- Integrated PV ground fault protection for negative grounded arrays

Flexible:

- Stand-alone application or full integration with Conext XW and Conext SW Inverter charger system
- Compatible with any brand of PV Module
- Available remote monitoring and configuration

Higher return on investment:

- Maximum Power Point Tracking (MPPT) algorithm continually seeks the maximum power available from the PV array
- Improve battery life with selectable multi-stage temperature compensated charging
- Five-year standard warranty

Applications

- Residential, backup power and grid-tie
- Off-grid solar
- Community Electrification

SPEDIFICATIONS

	XW-MPPT 60-150	XW-MPPT 80-600
Electrical specifications		
Voltage configurations	12, 24, 36, 48 ó 60 Vcc	24, 48 Vcc
Max. PV voltage	140 Vcc	195 a 550 Vcc
Max. PV open circuit array voltage	150 Vcc	600 Vcc
Max. peak current	Max. 60 Acc	80 Acc
Cable entrey	2,5 to 10 mm2	13,5 to 25 mm2
Typical operating consumption	2,5 W	2,5 W
Regulation method	Three-stage (bulk, absorption, and float)	

Two-stage (bulk,
absorption)

General specifications

Temperature range	-20 to 45 °C	
Device mounting	Wall mounted vertical	
Weight (unit/shipping)	4,8 / 8 Kg	13,5 / 17,4 Kg
Unit dimensions	368 x 146 x 138 mm	760 x 220 x 220 mm
Shipping dimensions	483 x 229 x 350 mm	870 x 330 x 270 mm
Warranty	5 YE	

Ambiental specifications

Enclosure type	Indoor, ventilated, powder coated steel with knockouts.	
Operating altitude	Up to 4572 mts.	Up to 2000 mts.

Certifications	UL1741, 1ST edition (nov. 2005) and CSA 107.1-01; c(CSA)us mark. CE mark according with the next standards and directives from EU: EMC Directive: EN 61000-6-1, EN 61000-6-3, Low Voltage Directive: EN 50178.	
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DOWNLOADS



Catálogo General
Bornay 14-15
(10.41 MiB)