

Control Panel - ECO PWM 20A with LVD

230151

SunWize Power & Battery PR Express Control Panels are pre-wired aluminum panels for stand-alone PV systems. This control panel has all of the necessary switchgear to hook up the charge/load controller to a solar array, battery bank, and load. The 20A PWM controller can support solar arrays with open circuit voltage up to 50VDC.



C1D2 Control Panel with a ECO PWM 20A

The control panel consists of a backplate, a charge controller, two load terminal blocks, and fuses and fuse holder for the solar array, battery, and load. All breakers are sized to match the rating of the charge controller.

PANEL FEATURES:

- UL1741 and Class 1 Division 2 certified components
- Compatible with all lead acid batteries
- Pre-wired, fully assembled, QC tested
- Three Spaces for Load Connection
- Separate Fuses and Fuse Holders for solar array, battery, and load

CONTROLLER FEATURES:

- IP68 casing, IP21 contacts
- Auto-detect 12VDC and 24VDC configuration
- Load high-voltage disconnect
- Battery overcharge/discharge protection
- Simple, three LED system status interface
- Corrosion resistant screw terminals
- Five-year manufacturer's warranty

Technical Specifications

L x W x H (15" x 10" x 4")

4 lbs.

Controller Specifications	
Battery Voltage	12VDC/24VDC
Max Array Voltage (Voc)	50VDC/30VDC
Max Battery and Load Current	20A
Low Voltage Disconnect (LVD)	YES
LED Charge Indicators	YES
Charge Controller	ECO-N20-T

Additional Specifications	
Operating Temperature	-40C to +60C
Self Power Consumption	4mA
Battery Voltage Range	10VDC - 35VDC
Temperature Compensation	-4.2 mV/K per 2V cell
Additional Resources	Manual Controller DataSheet

SHOP NOW



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