

50A Standard Wall Mount MPPT Solar Charge Controller

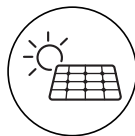


Off-Grid Living Made Easy

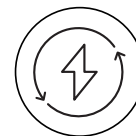
Help keep your clean solar energy safely charging your 12V / 24V batteries with a solar charge controller with MPPT technology.



50A Charge controller



Up to 600W panel array

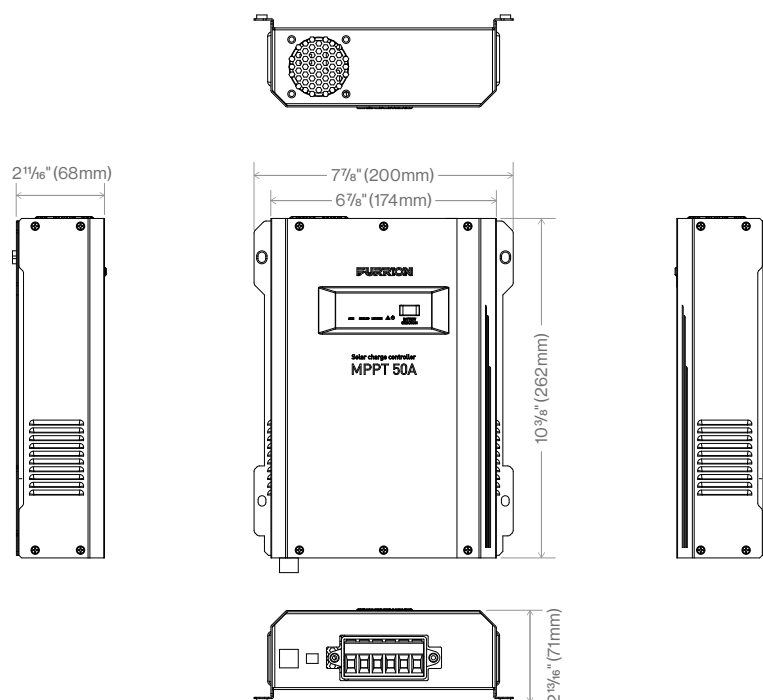


**Maximum power point
technology (MPPT)**

Features

- 99% efficiency tracking
- Automatic multistage charging
- Compatible with 12V/24V system
- Compatible with LIFEPO4 batteries
- Automatic temperature compensation
- Quiet cooling fan

50A Wall Mount MPPT Solar Charger Controller (FSCC60PSW-BL)



Specifications

Nominal Input Voltage	112V
Nominal Output Voltage	12V or 24V*
Max. PV Power (Pmax)	600W
Max. PV Open Circuit Voltage (VOC)	135V
MPPT Tracking Efficiency	≥99%
ECO Mode Current Consumption	<1mA
Min. Battery Voltage for Charging	6V
Max. Charging Current	50A
Charging Mode (three charging stage)	Bulk charging, absorption charging, float charging
Different Battery Mode Option	AGM, LiFePO4, Sealed lead acid
LED Indicator	✓
Maximum Charging Efficiency	≥90%
Automatic Temperature Compensation	✓
Battery Over Charging Protection	✓
PV Reverse Protection	✓
Battery Reverse Protection	✓
Over Temperature Protection	✓
Grounding Terminal	✓
Battery Temperature Sensor Socket	✓
Operating Temperature Range	-4°F to 104°F (-20°C to 40°C)
Storage Temperature Range	-22°F to 158°F (-30°C to 70°C)

Certificate: CSA , FCC, IC

*Supports 12V (for RV) or 24V battery system (for Truck)

Dimensions and Weight

Product Dimension (W x H x D)	7 7/8 x 10 3/4 x 2 7/8" (200 x 272 x 71 mm)
Net Weight per pc (lbs/kg)	5.1 / 2.3
Individual Packaging Dimension (W x H x D)	16 1/8 x 4 3/8 x 9 1/2" (409 x 111 x 243 mm)
Gross Weight per 4 pcs (lbs/kg)	24.9 / 11.3
Master Carton Dimension (W x H x D)	19 7/8 x 9 1/2 x 13 1/4" (506 x 242 x 335 mm)



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