

Self-Cooling MPPT Solar Charge Controller for RV and Marine

This self-cooling MPPT solar charge controller is designed for RVs and marine applications. It optimizes power transfer from solar panels to batteries.



ADDITIONAL IMAGES



Overview



Designed specifically for RV and marine applications, this controller optimizes energy harvesting from solar panels.

Optimized Solar Charging for Mobile Applications

The Explorer-M Series is a specialized MPPT solar charge controller engineered for high-efficiency energy management in recreational vehicles and marine environments. Featuring advanced Maximum Power Point Tracking technology, it ensures optimal energy harvest from solar panels while its self-cooling design guarantees reliable operation in diverse thermal conditions. This versatile controller supports 12V/24V systems and offers robust protection mechanisms to safeguard your battery systems during off-grid use.

Technical Specifications

wipanda
SOLAR ENERGY

PV Voc 100V
12/24V Auto



MPPT Controller Explorer-M 20A~60A

The Explorer-M series features a robust, finned housing designed for effective self-cooling and heat dissipation.

Technology Type	MPPT (Maximum Power Point Tracking)
Rated Current Range	20A - 60A
System Voltage	12V, 24V, Auto-detection
Max PV Input Voltage (Voc)	100 V

Key Features

Cooling System

Self-cooling

Safety Protections

- Overcharge protection
- Over-discharge protection
- Short-circuit protection
- Reverse polarity protection

Advanced Functions

- Lithium battery activation
- Bluetooth & WIFI monitoring support

Compliance	CE, RoHS
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