

Charge regulators are important

A solar charge controller plays an important role in extending the life of the solar battery. Solar charge controllers protect batteries from the dangers of being overcharged and completely discharged, both of which significantly reduce battery life.

What does a solar charge controller do?

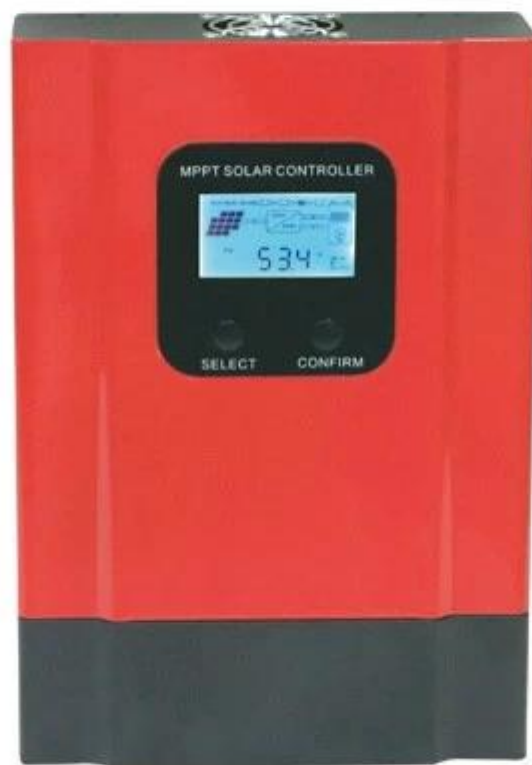
The solar charge controller MPPT is used to keep the voltage across the battery within acceptable limits. The MPPT charge controller automatically thins, interrupts or cuts off power when the batteries are fully charged. The capacitances of the MPPT charge controller range from 20 A to 100 A and in parallel for large systems, multiple charge controllers can be used. The MPPT controllers are equipped with a charge status display, data access, charging functions with automatic battery equalization.

Why MPPT solar charge controllers?

MPPT (Maximum Power Point Tracking) controllers: maintain optimal power levels between solar panels and battery. MPPT controllers are very efficient, particularly in cold weather, and are available in a wide range of models.



PV Voc 150V
12/24/36/48V Auto
650W/12V | 1300W/24V
1950W/36V | 2600W/48V



MPPT Controller eSmart-50A



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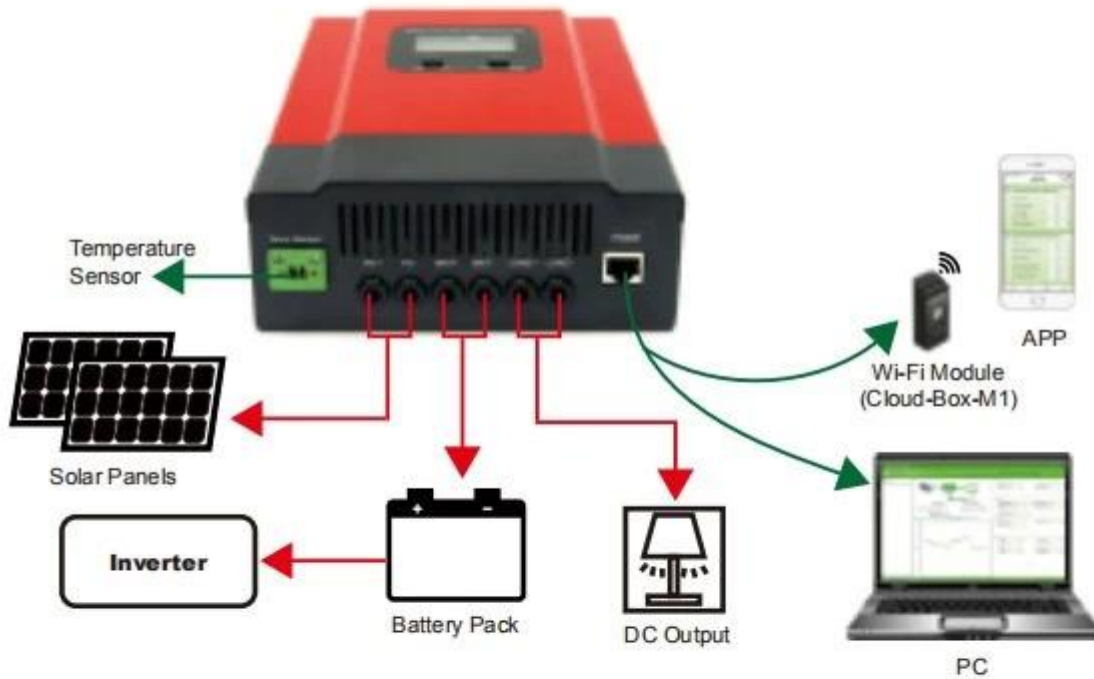
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Explorer-M



Mars



Master

There's a MPPT controller for every off-grid system.



Explorer



Runner



eSmart



Galaxy

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