

Portable power station



01 Product Performance



Maximum solar input: 1200W

Reduce your electricity bills and strain on the grid by drawing power from the M50 to power your home during peak tariff hours. Charge your M50 during off-peak hours using low-cost or renewable energy sources.

5120 Wh

Battery capacity

4500 W (230V)
3600 W (110V)

Rated power

5500 W

(230V)
peak power



Building construction
5000W



Cigarette Lighter Charging
About 50 hours to fully charge



solar Charging
About 5 hours to fully charge



Logging operations
5000W



construction site
5120Wh



AC Charging
About 4 hours full



AC Input

100-120V~60Hz / 1200W Max
220-240V~50Hz / 1500W Max

PV Input

12-80V/20A.Max1200W

02 Outstanding performance

Supports High-Power Charging

AC Input:1500W Max

The M50 supports high-power charging, significantly reducing charging time. It eliminates the need to occupy charging equipment for long periods, enhancing convenience in both daily life and work. With a more efficient charging process, it reduces energy waste and provides an excellent long-lasting battery experience



Choice exceeds expectations, energy exceeds imagination

Unlike gasoline power generation, it provides you with battery life in the event of a power outage, allowing you to keep your equipment running. The MPPT solar input device with a capacity of up to 1200W can quickly charge or maintain device operation without depleting the panel load battery. Do you remember when you were worried about a power outage? Don't worry any more, let's get to know each other better.

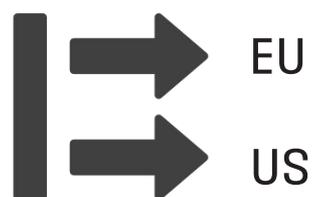
Safe and intelligent and constantly developing

The advanced battery management system and LiFePO4 chemical composition bring incredible safety and durability to the M50. Firm-ware of built-in dual core microcomputer and Internet connected M50 can be upgraded through Internet connection. There is no best, only better!

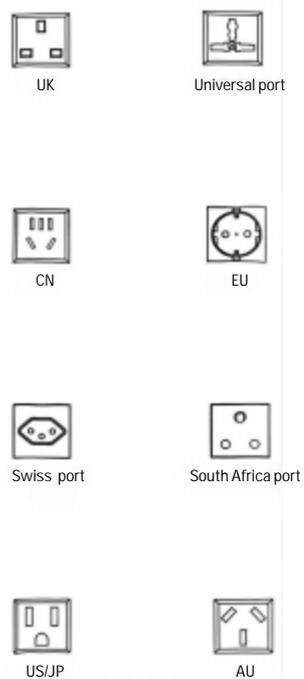


03 Intelligent power management

👉 A comprehensive and multiple protection mechanism ensures the safe and reliable operation of the equipment.



👉 Support AC output socket from multiple countries



04 Basic product data parameters



M50 data parameters

Capacity	5120Wh (51.2V/100Ah)
Solar input	12-80V/20A.Max1200W
AC input	100-120V~60Hz / 1200W Max 220-240V~50Hz / 1500W Max
Size (L*W*H)	622*420*520 mm
Car charger output	12V/10A
USB-A	QC3.0×1
Number of cycles	≥3000 Cycles
AC output	5500W Max 3600W Max