

# Mobile energy to replace diesel generators M50

## 5120Wh



High-power  
5000W



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## MPPT 1200W Max 220W\*2 SOLAR MODULE

Dynamic tracking of the maximum power of solar panel  
Transfer efficiency is 15% higher than without MPPT

**5120** Wh

Capacity

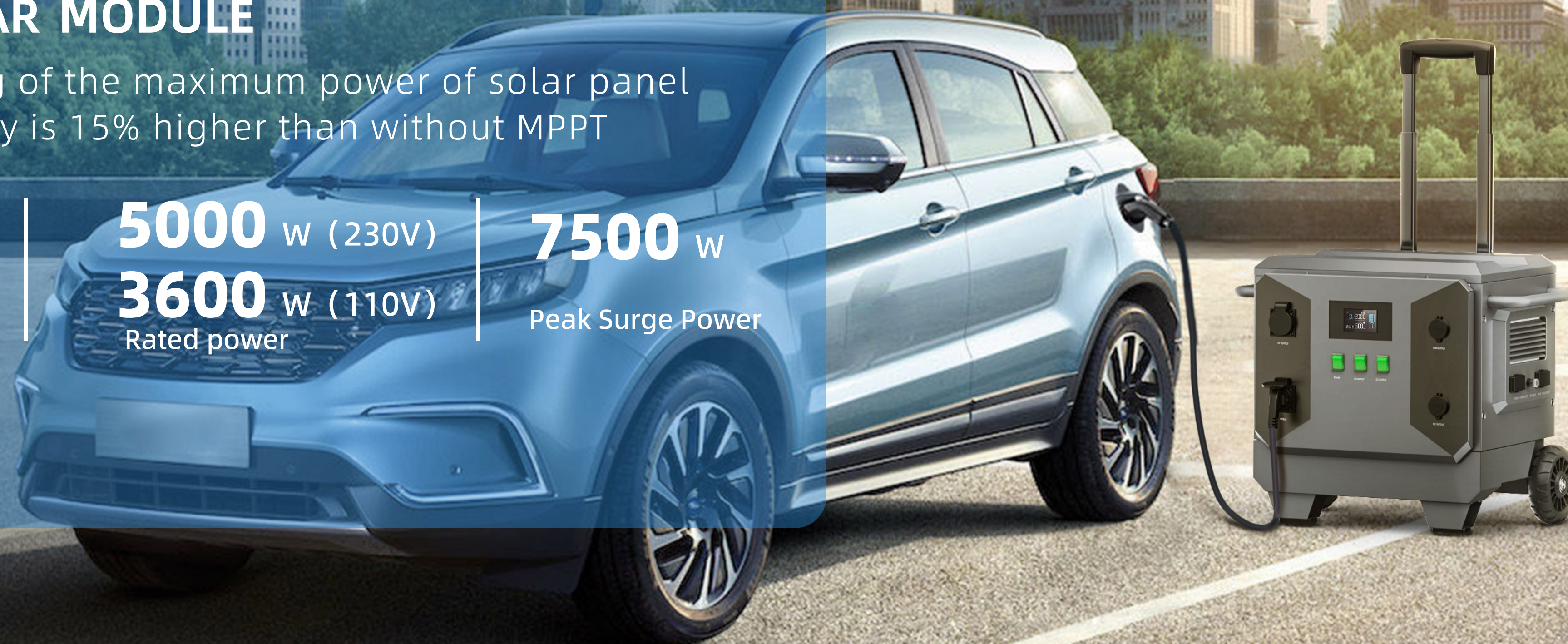
**5000** W (230V)

**3600** W (110V)

Rated power

**7500** W

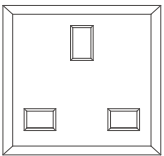
Peak Surge Power



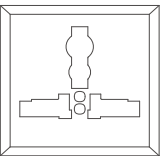




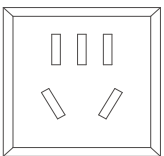
# Support multi-country charging plugs



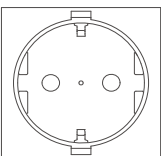
U.K



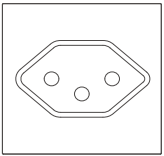
Universal



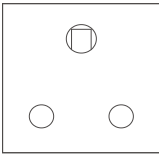
Chinese



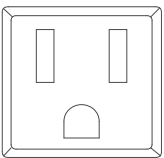
Europe



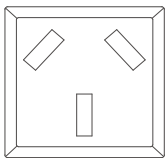
Swiss



South Africa



U.S./Japan



Australia





SPECIFICATIONS				
Model No		M50	Car Charger Output	12V/10A
Capacity		5120Wh (51.2V/100Ah)	USB-A	QC3.0×1
PV Input		12-80V/20A.Max1200W	Cycle Life	≥3000 Cycles
AC Input	100-120V~60Hz / 1200W Max		AC Output	5000W (230V Version)
	220-240V~50Hz / 1500W Max			3600W (110V Version)
Size(L*W*H)		510*350*392mm		



**AC Input**

**PV Input**

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

12-80V/20A.Max1200W





# A good helper for small outdoor operations



Building Construction  
5000W



logging  
5000W



outdoor camping  
5120Wh





# Large capacity and expandable

Power/capacity  
doubled after parallel connection



**10240** Wh  
Capacity

**7200** W  
Rated power

**10000** W  
Peak Surge Power







# A good helper for outdoor work

5120Wh / 5000W

Allows you to work anywhere and get any job done, as its 5120Wh capacity and 5000W output are capable of powering even your very heavy equipment. It's perfect for off-grid living, camping, tailgating, emergency preparedness, and more.

## 3 charging methods



Solar Charging 3 Hrs



AC Charging 2 Hrs



Car Charging 30 Hrs



# iForway M50 backup power supply

Providing you with battery life when the grid is down, unlike gasoline power generation, you can keep your equipment running. Up to 1200W MPPT solar input device can quickly charge or keep your equipment running without draining the panel load battery. Remember when you were worried about a power outage? Don't worry anymore, come and get to know each other





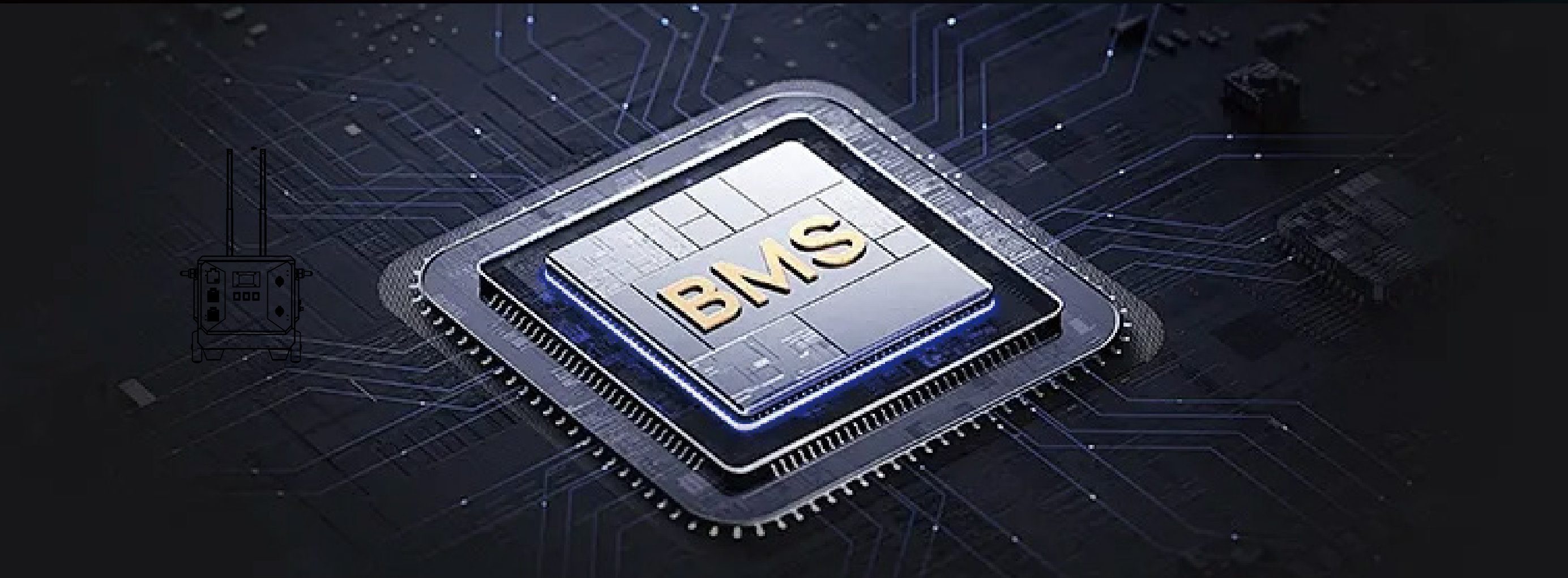
# Safe, Smart, And Continuously Evolving

The advanced Battery Management System and LiFePO<sub>4</sub> chemistry bring the M50 incredible safety and durability. With the built-in dual-core microcomputer and Internet connection, the M50's firmware can be upgraded through your internet connection. There is no best, only better!





# Smart Power Management



Battery Wake-up Pre-Charge System - 1.5A Trickle activation charge control

- |   |   |   |  |  |   |  |
|---|---|---|--|--|---|--|
| <br>Over Discharge<br>Protection | <br>Overload<br>Protection | <br>Overcharge<br>Protection | <br>Short Circuit<br>Protection | <br>Overvoltage<br>Protection | <br>Over Temperature<br>Protection | <br>Low Temperature<br>Protection |
|---|---|---|--|--|---|--|



# How to use M50

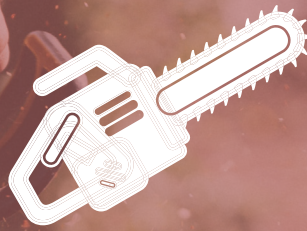
The M series is designed as a flexible power station that meets various scenarios and has different uses.





# Never Run Out of Power

Suitable for various occasions



outdoor work



construction site



family outing, party