

MP1 SERIES

INTRODUATION



This product features a dual-battery system (high-energy NCM at 200Wh/kg + long-life LFP with 4000+ cycles) and supports modular expansion (0.5–30kWh). Its portable design suits short trips, while the trolley series includes off-road wheels for rugged terrain. Equipped with intelligent inverter tech, it delivers pure sine wave AC, USB-C/PD fast charging, and DC outputs-compatible with 99 %of devices. With solar + grid + vehicle charging, it enables off-grid energy cycling, providing silent, zero-carbon power for outdoor adventures, emergency prep, and professional use.

MODELS

Model	Voltage (V)	Power	Capacity (Wh)
MP1-300	12.6	300W	180
Other Parameters			
AC Output (x2)	220V 50Hz	DC input/output (x1)	12V/10A, 120W
Solar photovoltaic charging input (x1)	maximum support 200W, 18V/10A	USB Output (x2)	5V/3A
Discharge temperature	-20°C~55°C	Charging temperature	-10°C~40°C
LED lighting(x1)	5W	Inverter type	Modified sine wave
Cycle life		2500+ (depending on use and maintenance)	