



5KW Mobile Energy Storage System 5KWH

- All-in-One Design, 5kW/5kWh High Capacity & Durability
- LED Display for Real-Time Battery Monitoring
- Multi-functional Outlets, Plug and Play, No Installation
- Wheeled Design for Easy Portability
- Bluetooth/WiFi Connectivity, Faster & Smarter
- Ideal Backup Power for Indoor & Outdoor Use



Product Specification

Model. No	YP-5.0KW
Weight	60Kg
Size	700*450*280mm
Working Temperature	Charging: 0~45℃ Discharging: -20~45℃
Quick charge	Charge to 80% in 1.5h Charge to 100% in 2h
Running Noise	<55dB
IP Level	IP20
Battery	
Battery Voltage	51.2V
Battery Energy	5.12kWh
Cell Chemistry	LFP
Life Span	>3500 Cycles
Battery Management System	Over Voltage Protection, Overload Protection, Over Temperature Protection, Short Circuit Protection, Low Temperature Protection, Low Voltage Protection, Over current Protection
Max.Charge Rated	Up to 0.8C/80A,default setting 50A
Battery Parallet	Max.Support Expand to 10 24kWh
Inverter	
Rated AC Output Power	5000W/220Vac/50/60Hz
Power of Over-load	102%<Load≤110% ,1 minute
	110%<Load≤130% ,10 seconds
	130%<Load≤150% ,3 seconds
	Load>150% ,200 ms
PV	MPPT Maximum Input Power:5000W
	MPPT Voltage Range: 120~450Vdc
	Max PV charge current:80A
	<10 ms
Input	
Charging Method	AC Wall Outlet, Solar Panel
AC Charging	Max 80A,default setting 50A
Solar Charging	Max 80A,default setting 50A
Input Voltage Range	90~280Vac,Settable
Nominal voltage	220VAC(Settable: 208/220/230/240 Vac)
Output	
AC Output Ports	4×10A
USB-A	100W
USB-C	60W
Car Power Output	12V/10A
DC output	12V/5A
Type C Port	2x100W
Smart Control	
Connection	Bluetooth and Wi-Fi
App Remote Control	Yes