

Industrial Mobile Power Station



Features and Advantages

- Smart Applications**
MPPT, AC coupling, peak shaving, smart charging, EV charging, industrial Power can be used for balcony energy storage, and as a portable power source for outdoor environments.
- Flexible Design**
Integrated 5000W MPPT PV input, 5500W bidirectional AC/DC conversion and 16kWh CATL Lithium-ion battery. Safe and with long service life.
- Cell Strengths**
Equipped with CATL LFP battery cells High safety and long life time The cycle life up to 6000 Multiple applications
- Stable and Reliable**
Supports UPS fast switching in less than 20ms, ensuring stable and reliable power supply.

Applications



Construction



Vehicle Charging



Construction Power Support



Welding



Drilling and Renovation



Outdoor power supply

Specification

Model		5.5kW/16kWh
PV Input		
Max.PV Input Power		5000W
Max.PV Open Circuit Voltage		500V
PV Input Voltage Range		90-450VDC
Full Power MPPT Voltage Range		120-450VDC
Start-up Voltage		120VDC
Max.Input Current Per MPPT		20A
Max.Short-circuit Current		22A
MPPT Tracker/Strings		1
Nominal Input Voltage		360VDC
AC Output(Off-Grid)		
Nominal Output Power		5500W
Max Output Power		6200W
Peak Power		10000W
Nominal Output Current		23.9A
Max.Output Current		26.9A
THDU		<2%
Automatic Switch Time(ms)		<20
Nominal Voltage/Frequency		230V(180V~264V),50/60Hz,L+N+PE
Overload Capacity		110%,60s/130%,30s/150%,5s
Efficiency		
Max.Efficiency		96.65%
Europe Efficiency		98.00%
MPPT Efficiency		99.00%
Max.Battery Charge/Discharge		
Battery		
Nominal Battery Voltage		51.52VDC
Rated Energy		16kWh(1C@25℃)
Max.Charge/Discharge Current		100A/130A
Operation Voltage Range		43.2Vdc~58.4Vdc
Operation Temperature		-20℃~60℃
Reveal		LED
Communication		Bluetooth
DC Output		
DC Output Power 1,2		5V2A
DC Output Power 3,4		PD 100W
General Data		
Ingress Protection		IP 54
Operating Temperature		-20℃~60℃
Relative Humidity		5%~95%(Non-condensing)
Noise(dB)		<60dB
Max.Operating Altitude		<4000m
Dimension		
Products size		655x390x836mm
Package size		770x520x1030mm
Weight(NW)		about 125Kg
Weight(GW)		about 170Kg

Technology

