

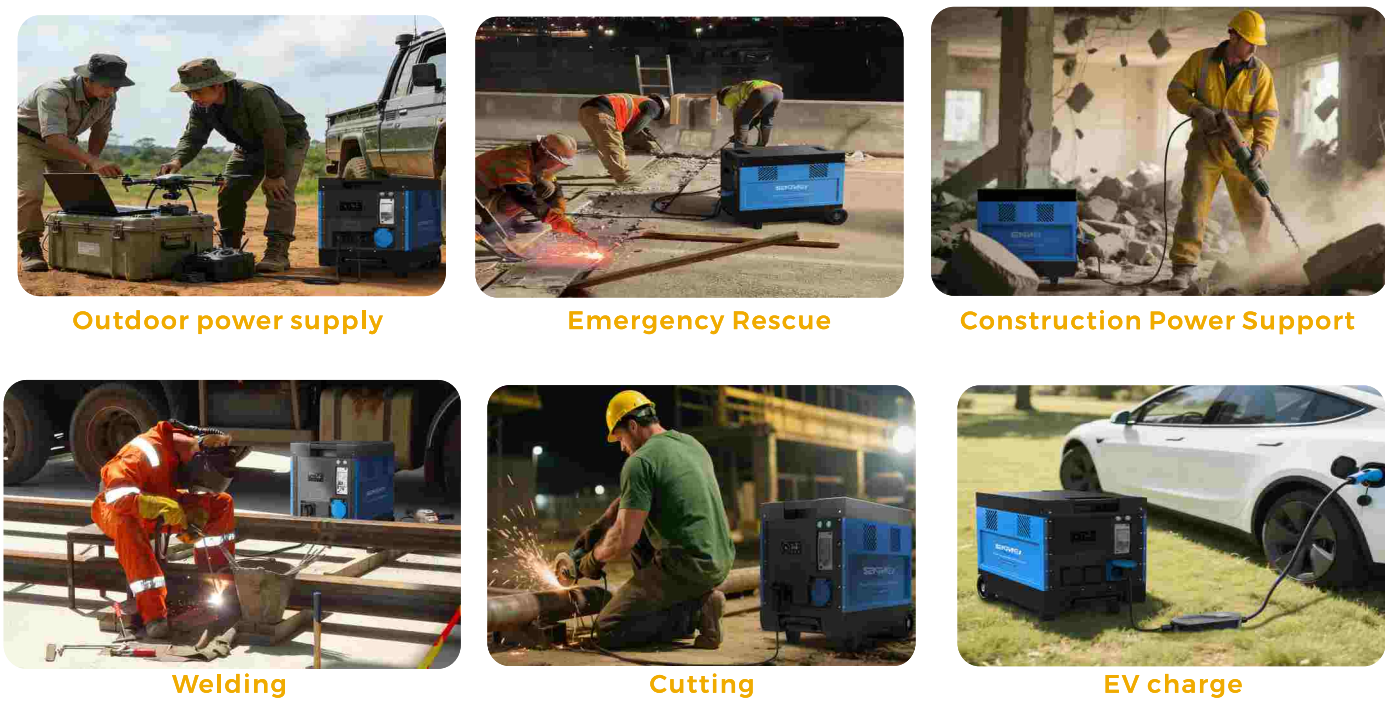
Industrial Mobile Power Station



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 5kWh 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



Specification

Model		5.5kW/5kWh
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		94.60%
Battery		
Nominal Battery Voltage		51.52VDC
Rated Energy		5kWh(1C@25°C)
Max.Charge/Discharge Current		100A/130A
Operation Voltage Range		43.2Vdc~58.4Vdc
Operation Temperature		-20°C~60°C
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°C~60°C
Relative Humidity		5%~95%(Non-condensing)
Noise(dB)		<60dB
Max.Operating Altitude		<4000m
Dimension		
Products size		595x355x500mm
Package size		700x490x710mm
Weight(NW)		about 63Kg
Weight(GW)		about 81Kg

Technology

