

ALL IN ONE SRIES

Solar Energy Storage & 5kw Inverter Mobile Power Station



Plug and Play
All-in-One Machine



5Kwh Battery + 5Kw Inverter

15Kwh Battery + 5Kw Inverter

Features



LiFePO4:
Higher safe
performance and
longer cycle life.



Multiple Protection:
Built-in
smart BMS.



Flexible Installation:
portable integrated design



Removable wheels
indoor & outdoor



Plug-and-Play
Power for Any Situation



Power 99% of
Home Appliances

Specification

ALL IN ONE SRIES >>>

Model	HUP5.0-5	HUP5.0-15
BATTERY DATA		
Nominal Voltage	51.2V	51.2V
Nominal Capacity	100Ah	300Ah
Battery Energy	5120Wh	15360Wh
Operating Voltage Range	44.8V± 0.2V ~ 57.6V± 0.2V	
Cell Type	LiFePO4 Battery	
Number of Cells	16pcs (1P16S)	
Cycle Life	≥6500 Cycles	
Battery Indicator	LED Indicator & Display	
INVERTER DATA		
Max. PV Input Power (W)	5000W	
PV Input Voltage Range (V)	150Vdc~450Vdc	
Max. Operating PV Input Current (A)	15A	
PV Input Port Type	XT90	
Max. AC Input/Output Power (W)	5000W	
AC Input/Output Voltage (V)	220Vac / 230Vac / 240Vac	
AC Input/Output Frequency (Hz)	50Hz / 60Hz (adjustable)	
AC Output Voltage Waveform	Pure Sine Wave	
AC Input Port Type * ①	1 x 3 Pin AC Socket (2000W max.) 1 x M20-3pin (5000W max.)	
AC Output Port Type * ②	2 x EU AC Socket (2000W/pc max.) 1 x M28-3pin (5000W max.)	
Output THDv (@Linear Load)	<3% (of nominal power)	
UPS Transfer Time	10ms typical, 20ms Max.	
Interactive Interface	LED Indicator & Display / WIFI(Optional)	
GENERAL DATA		
Operating Temperature Range (°C)	0°C ~ +45°C	
Storage Temperature	-15°C ~ +55°C	
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Altitude	< 2000m	
Shell Material and Color	Iron Box / Black+White	
Dimension(LxDxH)	460mm x 262mm x 605mm/725mm	500mm x 340mm x 765mm/895mm
Weight	≈60Kg	≈135Kg

* ① The AC input is connected to only one of the ports to charge the battery, the total power is ≤5000W.

* ② AC output supports three terminals output at the same time, total power ≤ 5000W.