

HUP5.0

Solar Energy Storage Hybrid Inverter Mobile Power Station

DELONGTOP



5KW Inverter
220Vac Output & Input

Solar Panel Input
120Vdc~450Vdc 4500W

Ultra-Long Battery Life
Optional 5.12kwh battery

Removable
Indoor & Outdoor

5Kwh + 5Kw



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Model	HUP5.0
BATTERY DATA	
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Battery Energy	5120Wh
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
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(LxWxH)	460mm x 280mm x 690mm
Weight	≈60Kg

*^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