

Mobile All-in-One Solar Storage System

Storage System:

3kw+2.56kwh

5kw+ 5.12kwh

5kw +10.24kwh



LCD screen with real-time data



Reliable performance, simple operation



Economical and convenient power solution



Battery, inverter, solar charger and everything integrated



AC output, DC output & USB output



PV charging / AC charging



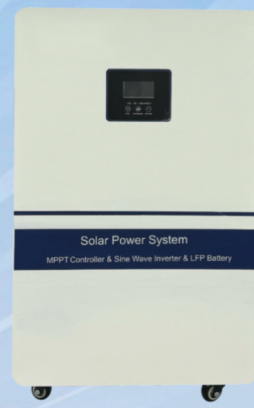
Plug-and-play with modular design



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5kw +10.24kwh

Model	SHS - HP3KW	SHS - HP5KW-1	SHS - HP5KW-2
Solar Panel			
Mono Solar Panel	300W Solar Panel *2pcs	300W Solar Panel *4pcs	550W Solar Panel *4pcs
LifePo4 battery			
Battery Energy	25.6V 100Ah	51.2V 100Ah	51.2V 200Ah
	(2.56KWH)	(5.12KWH)	(10.24KWH)
Charging cut-off Voltage	28.8V ± 0.2V	57.6V±0.2V	57.6V±0.2V
Discharge cut-off Voltage	22.4V ± 0.2V	44.8V±0.2V	44.8V±0.2V
Inverter Output			
Rated Output Power	3000W	5000W	
Output Voltage	208 / 220 / 230 / 240VAC ± 5 %		
Wave form	Pure Sine Wave		
Transfer Time(adjustable)	Computers (UPS Mode) 10ms Appliance (APP Mode) 20ms		
Peak Power	6000VA	10000VA	
PV Charge			
PV Charging Mode	MPPT		
MPPT Tracking range	30-115vdc	120-430vdc	
MAX.PV Input Voltage	145vdc	450vdc	
MAX.PV Charging Current	60A	80A	
AC Charge			
MAX.AC Charging Current	60A	80A	
MAX Charging Current	120A	80A	
Rated Input Voltage	220/230Vac		
General			
LCD Display	Display Running Mode / Loads / Input / Output etc		
RS232	5PIN/Pitch2.0mm Baud rate 2400		
Communication Port	2X5PIN / Pitch2.54mm Lithium Battery BMS Communication Card WiFi card Dry Contact		
DC output	12V*2Pcs		
USB output	5V*2Pcs		
AC output	220V*2Pcs		