

ALL-in-one ESS

Integrate solar charge controller, system controller and inverter, lithium battery and lithium battery special management system-BMS into one, effectively use the energy storage system to convert clean, environmentally friendly renewable energy into ecological electricity.



▲ This picture is for reference only, subject to the real thing !



Integrated energy storage system, Quick and easy installation



User-friendly man-machine interface display



In the extreme performance safety test, the battery will not catch fire, explode, leak, and be safer to use.



Intelligent battery management system



User-friendly alarm function and perfect online protection function

Item	Value
System parameters	
Capacity	10.24kWh
Rated AC output voltage	220V/230V,50HZ
Rated AC output power	5000VA
Output Peak power	10000VA
Dimensions	H110xL59xW49
Weight	207KG
Battery parameters	
Battery type	LiFePO4 battery
Battery Capacity	10.24kWh (51.2V 200AH)
Standard charge voltage	58.4V (settable)
Max continuous charge current	100A
Max continuous discharge current	100A
Inverter parameters	
AC mode	
Rated input voltage	220V/230V
Input voltage range	(170Vac-280V ac)±2%
Frequency	50HZ/60HZ(automatic detection)
Efficiency	95%
Max bypass overload current	40A
Inverting mode	
Output waveform	Pure sine wave
Rated output power	5000VA
Power factor	1
Rated output voltage (AC)	230V±5% (200/208/220/240) V settable
frequency	50±0.3HZ/60±0.3HZ
Efficiency	92%
AC charge AC	
Maximum charge current	60A
Charge voltage range	40-58V DC
Solar charge	
Max PV open circuit voltage	145Vdc
PV operating voltage range PV	60-145Vdc
MPPT voltage range	60-115V dc
Battery voltage range	40-60V dc
Max output power	4200W
PV charge current range (settable)PV	0-80A