

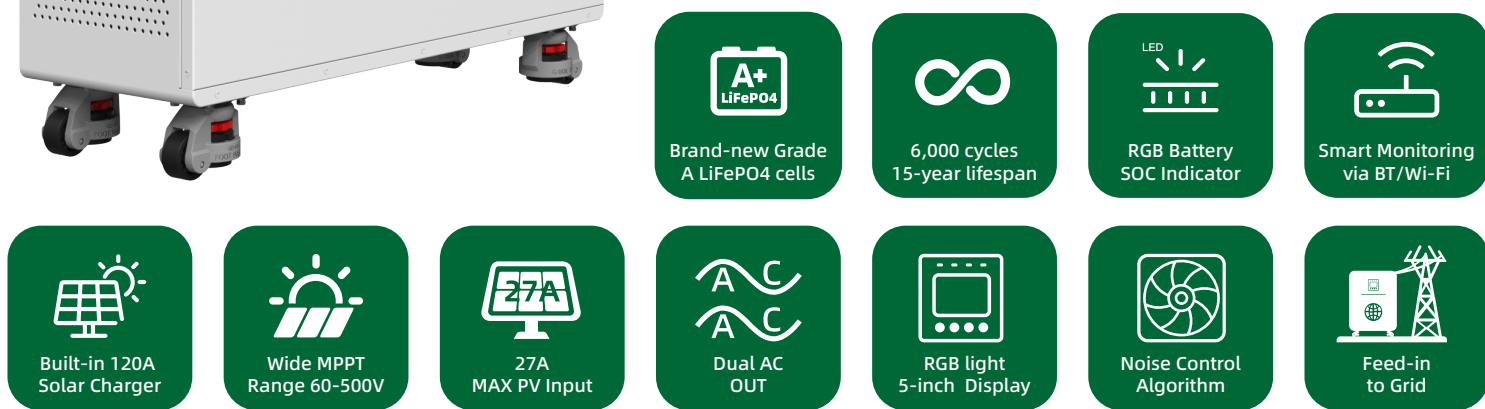
15.6|6 Energy Hybrid Storage



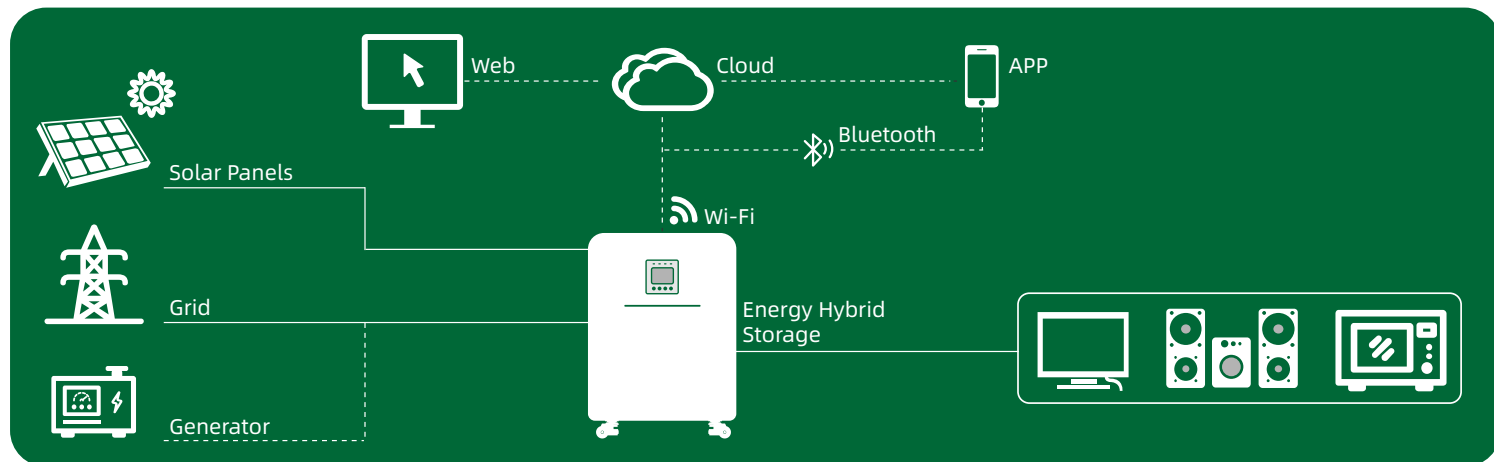
This is not just a 15.36kWh high-capacity battery built with Grade A LiFePO4 cells and automotive-grade steel band strapping technology—it's also a hybrid power system with 6KW single-phase solar inverter functionality.

Equipped with an intelligent management system for APP/WEB remote control, heavy-duty casters for easy installation, and support for parallel connection of up to 6 units, it delivers uninterrupted power for homes and businesses—rugged, reliable, and revolutionarily tough!

» Home Power Xtreme: Energy for Blackouts



» Blackout Guardian, Always-On Energy, Your Lights Stay On



15|6 Energy Hybrid Storage Product Parameter

MODEL		EHS01
Product detail images		
Energy Parameter		
Battery Type	LiFePO4	
Nominal Voltage	51.2 V	
Nominal Capacity	300 Ah	
Nominal Energy	15360 Wh	
Recommended SOC Window	SOC: 0%~100%	
Cycle life	6000 Cycles (25°C, 100% DOD) for effectively lower total of ownership cost	
Design life	15 years	
AC Input Parameter		
Rated Input Voltage (VAC)	208/220/230/240;L+N+PE	
Voltage Range (VAC)	90~280+3(normal mode);170~280±3(UPS mode)	
Frequency(Hz)	50 /60 (Auto Adaptive)	
AC Output Parameter		
Rated Capacity(kW)	6	
Surge Power (kVA)	12	
Voltage (VAC)	208/220/230/240	
Power Factor(PF)	1	
Frequency	50/60Hz ± 0.1%	
Switch Time(ms)	10(normal mode)/10(UPS mode)	
Wave Form	Pure Sine Wave	
Overload Capacity (Battery Mode)	10S@>150%Load	
Max. Efficiency(Battery Mode)	94%@48VDC	
Parallel Quantity	NA	
Charger (PV / AC)		
Solar Charger Type	MPPT	
Max PV Input Current /Input Power	27A/9000W	
MPPT Range@Operating Voltage (VDC)	60~450	
Max PV Open Circuit Voltage (VDC)	500	
Max PV Charge Current (A)	120	
Max AC Charge Current(A)	120	
Max. Charge Current (PV + AC)(A)	120	
Display and monitoring		
SOC Power Level Display	RGB SOC Indicator	
HMI Type	LCD (RGB optional)	
Interface	RS232 / RS485 / USB / Dry Contact	
Monitoring	WiFi (Optional)	
General Data		
Ingress Protection	IP21	
Operating Temperature	-10°C~50°C	
Relative Humidity	5%~95%(Non-condensing)	
Storage Temperature	-15 °C~ 60°C	
Net Weight (kg)	138	
Dimensions(W*H*D)	670*225*865mm	
Max. Operating Altitude	4000m(Derating above 1000m)	