



51.2V 100Ah Wall Mounted LiFePO4 Battery

Home Energy Storage Battery



WIFI Remote
monitoring (optional)



1C/1C continuous
charge and discharge



Low voltage
safety connection



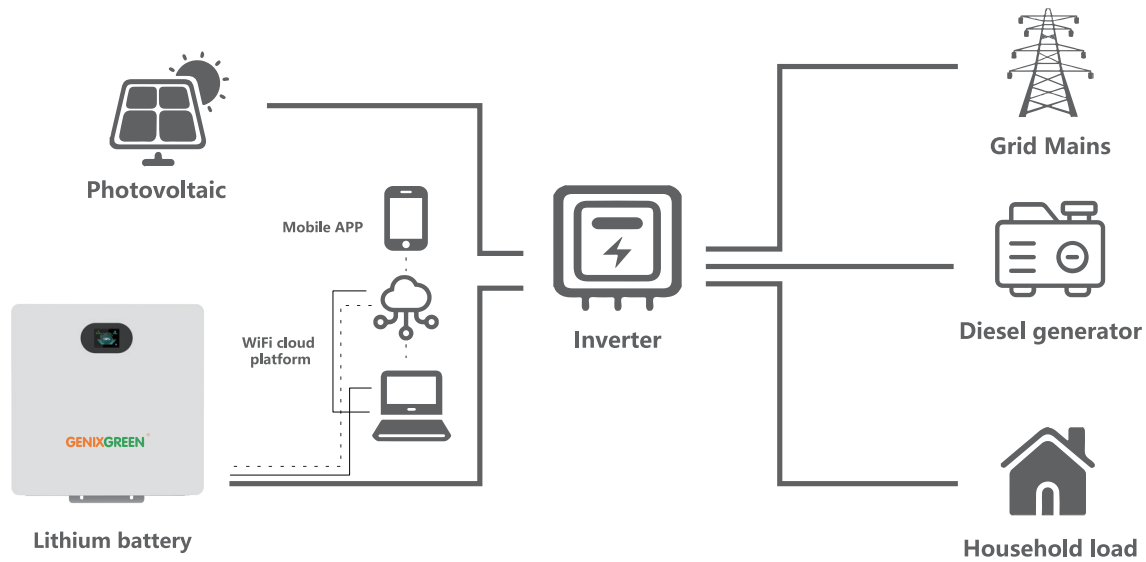
Bluetooth local
control (optional)



Superior LiFePO4
safety performance



5 years
standard warranty



Specification & parameter

Product Model	ES-BOX42S	ES-BOX42
Rated Power	2.56kWh	5.12kWh
Rated Voltage	25.6V	51.2V
Suggested Working Voltage Range	22.4V~28.4V	44.8V~56.8V
Rated Charge/Discharge Current	0.5C	
Max. Charge/Discharge Current	100A	
Rated Capacity	100Ah	
Communication Method	USB/RS485/CAN(CAN Parallel Connection)	
Working Temperature Range	Charging: 0~55 °C/Discharge: -20~55 °C	
Working Humidity Range	5-85%RH	
Discharge Depth	80-90%	
Cycle Life	≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)	
Protection Grade	IP20	
Operating Altitude	≤3000m	
Overall Dimensions	425mm (L) * 355mm (W) * 150mm (H) (Excluding hanging& wall brackets)	485mm (L) * 480mm (W) * 155mm (H) (Excluding hanging& wall brackets)
Display	3.2-inch touch screen	
Net Weight	≤25KG	≤45KG
No. Of Parallel Connection	Supports 16PCS in parallel	
Certification	ROHS/UN38.3/MSDS	
Optional	WIFI/Bluetooth (optional)	
Warranty	5 Years(under warranty terms)	
Energy Throughput ^[1]	5MWh	11MWh

[1] Conditions apply, refer to GENIXGREEN warranty letter.