

ES-BOX36 Series

5.12/10.24/14.34/16.08kWh

Home Energy Storage Battery

ES-BOX36 Series battery features 5.12/10.24/14.34/16.08kWh high-capacity design with doubled energy density. Premium LiFePO4 cells ensure safety and longevity, ideal for residential and commercial applications.



WiFi/Bluetooth remote monitoring (optional)



1C/1C continuous charge and discharge



Max. 64 modules parallel



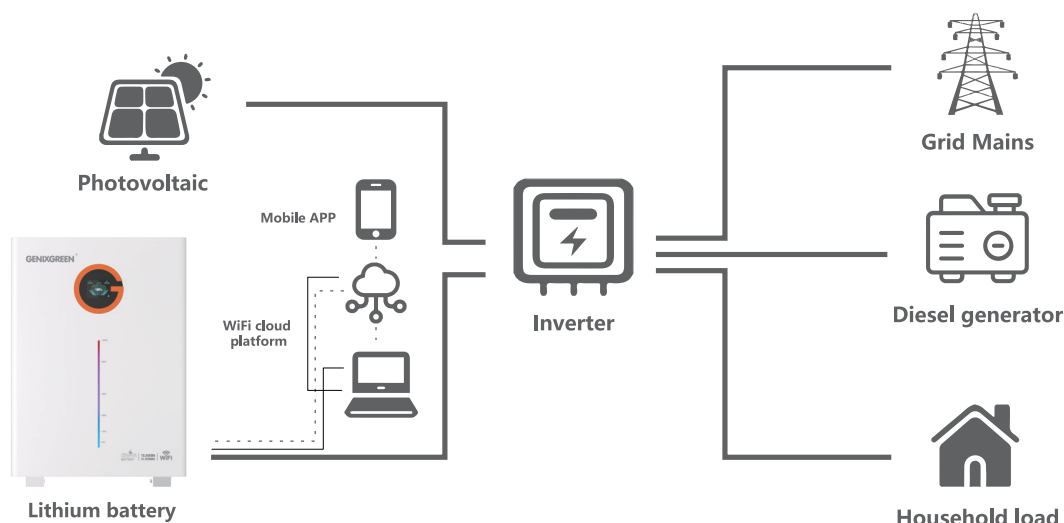
Compatible with multiple inverter brands



Superior LiFePO4 safety performance



5 years standard warranty



Product Specification

Product Model	ES-BOX36	ES-BOX36 PLUS	ES-BOX36 MAX	ES-BOX36 MAX+
Nominal Energy	5.12kWh	10.24kWh	14.34kWh	16.08kWh
Nominal Voltage	51.2V	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	200Ah	280Ah	314Ah
Cell Type	LFP	LFP	LFP	LFP
Standard Charge Voltage	56.8V	56.8V	56.8V	56.8V
Max.Charge/Discharge Current	100A	150A	200A	200A
Discharge Cut-Off Voltage	44.8V	44.8V	44.8V	44.8V
Parallel Function	Parallels: Max.16, Max.33, Max.64 (Optional)			
Communication Interface	USB/RS485/CAN			
Cycle Life	>8000 Cycles(25°C±2°C, 0.5C, 90%DOD@65%EOL)		≥10000 Cycles (25°C±2°C, 0.35C, 90%DOD@65%EOL)	
Charge Temperature Range	0~55°C			
Discharge Temperature Range	-20~55°C			
Certification	Pack: CEI 0-21/CE/IEC 62619/UL1973 by Intertek/MSDS/UN38.3 Cell:: UL1642/IEC 62619/CE/EMC/ROHS/MSDS/UN38.3			
Dimension	450*620*160mm (Excluding Wall-Mounted Brackets)	480*650*245mm (Excluding Wall-Mounted Brackets)	460*880*245mm (Excluding Wheels)	460*880*245mm (Excluding Wheels)
Net Weight	51Kg	92Kg	122Kg	122Kg
Installation Method	Wall-Mounted/Floor Standing			
Warranty	5 Years(Under Warranty Terms)			
Energy Throughput ^①	11MWh	22MWh	31MWh	35MWh
Display	RGB LED Light/3.2" LCD Touch Screen		RGB LED Light/4.3" LCD Touch Screen	
Optional	Circuit Breaker、WiFi Remote Monitoring			

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