GENIXGREEN®

# 51.2V Wall Mounted LiFePO4 Battery

5.12kWh/10.34kWh/14.34kWh /16.08kWh




**Features:**

Two Mounting Methods.Removable floor stand and wall mount

WiFi remote monitoring and cloud management services

IEC 62619

Flexible installation, saving time and effort

1C/1C continuous charge and discharge

10 years standard warranty

Superior LiFePO4 safety performance

Low voltage safety connection

Max. 64 modules parallel

## *Compatible With Inverter Brands*

**GenixGreen's battery BMS supports simultaneous communication and compatible with multiple inverter brands**

Deye | solis | CHISAGE ESS | Growatt | SOFAR

Voltronic Power | Gospower | Felicitysolar® | MEGAREVO | SAKO®

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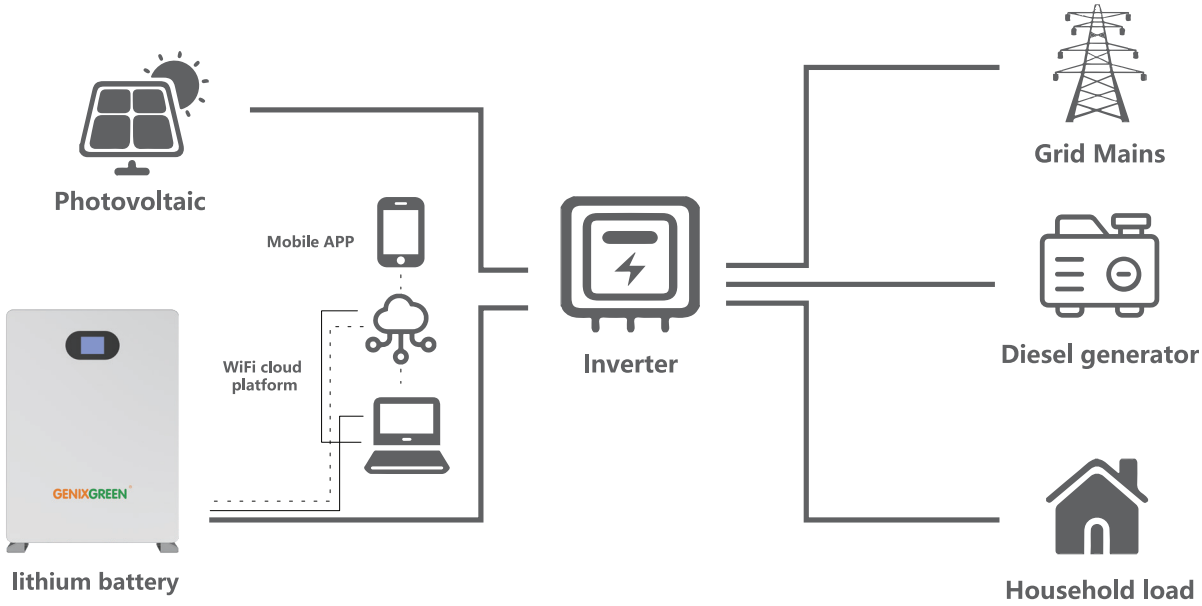


## *Parameters*

| Product Model | ES-BOX12 | ES-BOX12 PLUS | ES-BOX12 MAX | ES-BOX12 MAX+ |
|---|---|---|---|---|
| Nominal Energy | 5.12kWh | 10.24kWh | 14.34kWh | 16.08kWh |
| Nominal Voltage | 51.2V | | | |
| Nominal Capacity | 100Ah | 200Ah | 280Ah | 314Ah |
| Cell Type | LFP | | | |
| Standard Charge Voltage | 56.8V | | | |
| Max. Discharge Current | 100A | 150A | 200A | 200A |
| Discharge Cut-off Voltage | 44.8V | | | |
| Parallel Function | Parallels: Max.16, Max.33, Max.64 (Optional) | | | |
| Communication Interface | RS485,USB,RS232,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<br>Cell: UL 1642/IEC 62619/CE/EMC/ROHS/MSDS/UN38.3 | | | |
| Dimension | 480*600*150mm | 480*650*225mm | 840*490*242mm | 840*490*242mm |
| Net Weight | ≈44Kg | ≈89Kg | ≈123Kg | ≈125Kg |
| Installation Method | Wall Mounted/Floor Standing | | | |
| Warranty | 10 years warranty, 15 years design life | | | |
| Energy Throughput [1] | 22MWh | 44MWh | 62MWh | 70MWh |
| Optional | WiFi Remote Monitoring | | | |

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

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