

Residential Battery Pack System Total Energy:2.45kWh

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Emergency Power Back-up



Flexible Installation



Cost-effective



Expandable



Peak Load Shifting

TECHNICAL PARAMETERS

| Model | | GBL2.45K3(LFP) |
|----------------------------------|-----------|--|
| Total energy (kWh) | | 2.45kWh |
| Usable energy (kWh) | | 2.2kWh |
| Nominal charge/discharge power | | 1.5kW |
| Peak power(Only discharge) | | 3kW for 3 seconds |
| Constant current(Only discharge) | | 40A |
| Nominal current | | 30A |
| Dimensions (W*H*D) (mm) | | 442*133*500 |
| Weight (kg) | | 27.5kg |
| Max. charge voltage | | 57.6V |
| Max. recommended DOD | | 90% |
| Voltage range | | 48-55.4vd.c |
| Nominal voltage | | 51.2vd.c |
| Operating condition | | Indoor |
| Max. transmission power | | ≤20dBm |
| WIFI frequency range | | 2400MHz~2438MHz |
| Operating temperature (°C) | Charge | From 0~50°C |
| | Discharge | From -10~55°C |
| Humidity | | 20~60% (No condensed water) |
| Over voltage category | | II |
| Cooling type | | Natural cooling |
| Installation | | Cabinet/Wall mounting |
| IP rating | | IP 20 |
| Protective class | | I |
| Number of parallel connection | | 2~8(51.2V 4.9kWh~19.6kWh) |
| Number of series connection | | 2~8(102.4V~409.6V 4.9kWh~19.6kWh) |
| Warranty | | 5 Years Product Warranty;10 Years Battery Warranty |
| Design life | | >15 years |
| Communication | | CAN/RS485 |
| Protection mode | | Triple hardware protection |
| Battery protection | | Over-current/over-voltage/short circuit/under voltage/over temperature |
| Safety | | Pack TUV(IEC 62619,IEC62040) |
| Transportation | | UN 38.3 |