

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		1.2kW
Peak power(Only discharge)		2.45kW for 3 seconds
Constant current(Only discharge)		40A
Nominal current		30A
Dimensions (W*H*D) (mm)		442*500*134
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 0~45°C
	Discharge	From -10~50°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		10 years
Service life		>10 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