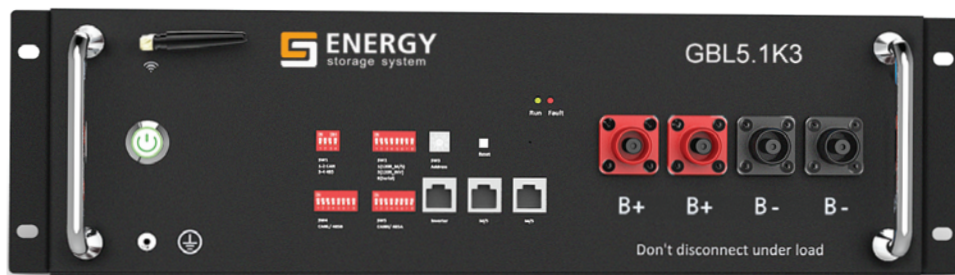


Residential Battery Pack

GBL5.1K3



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No.23 Xingke Middle Road, Meilin
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Zhejiang Province, China



Emergency Power Back-up



Flexible Installation



Cost-effective



Expandable



Peak Load Shifting



- Assembly freely in series or parallel Up to 8S4P
- High energy efficiency Energy efficiency (charge and discharge) > 97%
- High Rate Charge & Discharge Max charge current 60A, Max discharge current 80A
- More Safety Dual hardware & Triple software protection
- Safe and Reliable BMS Relay design instead of mosfet
- Long Life Reliable LFP cells, Cycle life >6000 cycles
- High Reliability Key devices (Relay, Fuse) approved by UL and IEC
- More Smart With digital monitor system App with WIFI
- Smart Design & Easy installation Plug in & off
- More Quiet Without fan, more quiet and reduce the risk of fan failure

TECHNICAL PARAMETERS

Model		GBL5.1K3(LFP)
Total energy (kWh)		5.1kWh
Usable energy (kWh)		4.8kWh
Nominal charge/discharge power		3.0kW
Peak power(Only discharge)		6kW for 3 seconds
Constant current(Only discharge)		80A
Voltage range		48~56Vd.c
Nominal voltage		51.2Vd.c
Nominal current		60A
Max. charge voltage		57.6V
Max. recommended DOD		90%
Cells rated capacity		100Ah
Efficiency		>97%
Dimensions (W*H*D) (mm)		500*448*135mm
Weight (kg)		45kg
Operating condition		Indoor
Operating temperature (℃)	Charge	From 0~50℃
	Discharge	From -10~55℃
WIFI frequency range		2400MHz~2483MHz
Humidity		<60% (No condensed water)
Over voltage category		II
Cooling type		Natural cooling
Case material		Metal
Color		Black
Installation		Wall mounting/Ground Installation
IP rating		IP 20
Protective class		I
Max. connection number		8S/4P
Warranty		10 Years
Design life		>15 years
Communication		CAN/RS485
Protection mode		Dual hardware protection
Battery protection		Over-current/over-voltage/short circuit/under voltage/over temperature
Safety	Cell UL 1973	
	CE	
Hazardous Material Classification		9
Transportation		UN 38.3