

LOW VOLTAGE LITHIUM BATTERY MODULE

GBP-L2 model series Power wall type lithium iron phosphate battery



Right angle



Rounded

Product introduction

The product adopts modular design, higher integration, saves installation space; adopts high-performance lithium iron phosphate positive electrode material, the battery cell has good consistency, and the designed service life is more than 10 years; one-key switch machine, front operation, front wiring, easy installation Convenient maintenance and operation; various functions, over-temperature alarm protection, over-charge and over-discharge protection, short-circuit protection; strong compatibility, seamless connection with UPS, photovoltaic power generation and other main equipment; various forms of communication interfaces. CAN/RS485, etc. can be customized according to customer needs, which is convenient for remote monitoring and flexible use of the system. High-energy, low-power lithium-ion battery equipment achieves higher energy supply, lower energy consumption, and reduces environmental pollution; all-round, multi-level battery protection strategies and fault isolation measures are adopted to ensure the safe operation of the system.

Performance characteristics

- Wall-hanging installation, save space
- Multiple in parallel, easy for expand
- Easy for installation and maintenance
- Standard configuration with LCD display, real time knowing battery status
- Environmentally friendly non-polluting materials, free of heavy metals, green and environmentally friendly
- Standard cycle life is more than 5000 times
- Remote viewing of errors and online software upgrades

Technical parameters

Type	GBP48V-100AH-W (Voltage Optional 51.2V)	GBP48V-200AH-W (Voltage Optional 51.2V)
Nominal Voltage (V)	48	
Nominal capacity (AH)	105	210
Nominal energy capacity (KWH)	5	10
Operating voltage range	42-56.25	
Recommended charging voltage (V)	51.75	
Recommended discharge cut-off voltage (V)	45	
Standard charging current (A)	25	50
Maximum continuous charging current (A)	50	100
Standard discharge current (A)	25	50
Maximum discharge current (A)	50	100
Applicable temperature (°C)	-30°C ~ 60°C(Recommended 10°C ~ 35°C)	
allowable humidity range	0 ~ 95% no condensation	
Storage temperature (°C)	-20°C ~ 65°C(Recommended 10°C ~ 35°C)	
Protection level	IP20	
cooling method	natural air cooling	
Life cycles	5000+ times at 80% DOD	
Maximum size (W*D*H)mm	410*630*190	465*682*252
Weight	50KG	90KG

Remarks: The above data are for reference only and are subject to change without prior notice. Special voltage can be customized.