






GBP-W Series

Power Wall Type Lithium Ironphosphate Battery

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.

-  Wall-hanging installation, save space.
-  Multiple in parallel, easy for expand, Automatic addressing, no need to dial a code.
-  Standard configuration with LCD display, real time knowing battery status, Screen direct selection of inverter communication.
-  Environmentally friendly non-polluting materials, free of heavy metals, green and environmentally friendly.
-  Standard cycle life is more than 5000 times.



Product parameters >>

Model	GBP24-100W	GBP24-200W	GBP48-100W	GBP48-200W	GBP51.2-100W	GBP51.2-200W
Nominal Voltage (V)	25.6		48		51.2	
Cell Specification	100	100	100	100	100	100
Nominal Capacity (Ah)	100	200	100	200	100	200
Nominal Energy (kWh)	2.56	5.12	4.8	9.6	5.12	10.24
Operating Voltage Range (V)	22.4~29.2		42~54.75		44.8~58.4	
Recommended Charging Voltage (V)	27.6		51.75		55.2	
Recommended Discharge Cut-off Voltage (V)	24		45		48	
Standard Charge/Discharge Current (A)	0.5C					
Maximum Continuous Charge/Discharge Current (A)	1C (Customizable)					
Operating Temperature (°C)	-30 ~ 60 (Recommended 10 ~ 35)					
Allowable Humidity Range(%RH)	< 85					
Storage Temperature (°C)	-20 ~ 65(Recommended 10 ~ 35)					
Charging Temperature (°C)	0~55					
Discharging Temperature (°C)	-10~55					
Protection Level	IP20					
Cooling Method	Natural Air Cooling / Intelligent Fan					
Cycle Life	5000+ Times at 80% DOD					
Maximum Dimension (D*W*H)mm	687*450*186			682*465*276	687*450*186	682*465*276
Weight(kg)	28	49	46	93	49	96

Note: The above data is for reference only. In case of any changes, no further notice will be given.  
For customization requirements such as Bluetooth function and 1C charge/discharge rate, please consult with the engineer.