






GBP-H/L Series

Vertical / Wheel Type Lifepo4 Batteries

Product introduction >>

The product adopts vertical / wheel type design, beautiful shape, and convenient movement; including the mainstream market inverter protocol, directly communicates; adopts a comprehensive and multi-level battery protection strategy and fault isolation measures to ensure the safe operation of the system. Widely used in small commercial and family energy storage.

-  Vertical / Wheel Type design, safe and stable.
-  Hidden wiring, beautiful design.
-  Standard LCD display screen, to understand battery status in real time, and directly select the inverter communication protocol on the screen.
-  Environmentally friendly and pollution-free materials, no heavy metals, green and environmentally friendly.
-  Standard cycle life over 5,000 times.



Product parameters >>

Model	GBP48-280HL		GBP48-314HL		GBP51.2-280HL	GBP51.2-314HL
Nominal Voltage (V)	48				51.2	
Cell Specification	280		314		280	314
Nominal Capacity (Ah)	280		314		280	314
Operating Voltage Range (V)	42~54.75				44.8~58.4	
Recommended Charging Voltage (V)	51.75				55.2	
Recommended Discharge Cut-off Voltage (V)	45				48	
Standard Charge/Discharge Current (A)			100			
Maximum Continuous Charge/Discharge Current (A)			150			
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			
Cycle Life			5000+Times at 80% DOD			
Maximum Dimension (D*W*H)mm			480*246*990			
Weight(kg)	139		143		141	145

Note: The above data is for reference only. In case of any changes, no further notice will be given. For special customization requirements, please consult with the engineer.