

GBP-L SERIES WHEEL TYPE LIFEPO4 BATTERIES

Low-Voltage Series Lithium Battery Modules



Product introduction >>

The product adopts wheel 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.

-  Wheeled design, easy to move.
-  Embedded wiring, safe and reliable.
-  Standard configuration with 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 parameter >>

Model	GBP																													
	48-280L			48-300L			48-560L			48-600L			51.2-280L			51.2-300L			51.2-560L			51.2-600L								
Nominal volt(V)	48												51.2																	
Cell specification (Ah)	280	300	314	280	300	314	280	300	314	280	300	314	280	300	314	280	300	314	280	300	314	280	300	314						
Nominal capacity (Ah)	280	300			560			600			280	300			560			600			280	300			560			600		
Working volt range (V)	42~54.75												44.8~58.4																	
Recommended charging volt (V)	51.75												55.2																	
Recommended discharging cut-off volt (V)	45												48																	
Standard charging/ dischargingcurrent (A)	100				100				100				100				100													
Maximum continuous charging/discharging current (A)	150				200				150				200				150				200									
Proper temperature (°C)	-30 ~ 60(Recommended 10 ~ 35)																													
Allowable humidity range (%RH)	< 85																													
Storage temperature (°C)	-20 ~ 65(Recommended 10 ~ 35)																													
Charging temperature (°C)	0~50																													
discharging temperature (°C)	-10~60																													
Protection level	IP20																													
Cooling method	Natural air cooling																													
Maximum size (D*W*H)mm	248*680*880						890*350*1060						248*680*880						890*350*1060											
Net weight (kg)	136.5	144	140.5	280	295	288	139	147	143.5	284	300	292.5	136.5	144	140.5	280	295	288	139	147	143.5	284	300	292.5						

Note: The above data is for reference and subject to change without prior notice.
Communicate with engineers for special customization requirements.