



## LOW VOLTAGE SERIES LITHIUM BATTERY MODULE

### GBP-L1 RACK Type Lithium Iron Phosphate Battery



#### Product introduction:

This product is composed of high-quality lithium iron phosphate cells (by series and parallel) and advanced BMS management system. It can be used as an independent DC power supply or as a "basic unit" to form a variety of energy storage lithium battery power system. High reliability and longer life. It can be used as backup power supply of communication base station, backup power supply of digital center, household energy storage power supply, industrial energy storage power supply, etc. It can be seamlessly connected with main equipment such as UPS and photovoltaic power generation.

#### Performance characteristics:

- Small size and light weight
- Screen direct selection of inverter communication
- Standard cycle life is more than 5000 times
- Accurately estimate the state of charge of the battery pack, that is the remaining power of the battery, to ensure that the power of the battery pack is maintained within a reasonable range
- Multiple in parallel, easy for expand, Automatic addressing, no need to dial a code
- Easy for installation and maintenance

Model	GBP24V-200AH	GBP48V-100AH-R (optional 51.2V)	GBP48V-200AH-R(Optional 51.2V)
Nominal voltage (V)	25.6	48	
Nominal capacity (AH)	210	105	210
Nominal energy capacity(kWh)	5.3	5	10
Operating voltage range (V)	22.4-29.2	52.5	
Recommended charging voltage (V)	28		
Recommended discharge cut-off voltage (V)	24	45	
Standard charging current (A)	100	50	100
Maximum continuous charging current (A)	200	100	200
Standard discharge current (A)	100	50	100
Maximum discharge current (A)	200	100	200
Applicable temperature (°C)	-30 ~ 60 (Recommended 10 ~ 35)		
Humidity range (%rh)	0~95% no condensation		
Storage temperature (°C)	20 ~ 65 (Recommended 10 ~ 35)		
Protection level	IP20		
Cooling method	Natural air cooling		
Life cycles	5000+ times at 80% DOD		
Maximum size (D*W*H) mm	596*545*155	540*545*155	610*510*246
Weight (KG)	48	44.5	88.3