GBP-R SERIES RACK TYPE LITHIUM IRON PHOSPHATE BATTERY

Low voltage series lithium battery modules

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 systems, with 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.

Small size and light weight

Screen direct selection of inverter communication

Standard cycle life is more than 5000 times

Multiple in parallel, easy for expand, Automatic addressing, no need to dial a code

Easy for installation and maintenance

Product parameter >>

Model	GBP24-100R	GBP24-200R	GBP48-100R	GBP48-200R	GBP51.2-100R	GBP51.2-200R
Nominal voltage(V)	25.6		48		51.2	
Nominal capacity(Ah)	100	200	100	200	100	200
Nominal energy capacity (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 charging/discharging current (A)	0.5C					
Maximum continuous charging/ discharging current (A)	1C (Customizable)					
Applicable temperature (℃)	-30～60 (Recommended10～35)					
Permissible humidity range (%RH)	<85					
Storage temperature (℃)	-20～65 (Recommended10～35)					
Protection level	IP20					
Cooling method	Natural air cooling/ intelligent fan					
Life cycles	5000+ times at 80% DOD					
Maximum size (D*W*H)mm	689*495*162		689*495*162	682*510*246	689*495*162	682*510*246
Weight(kg)	28	49	46	89	49	93

Note: The above data is for reference only and is subject to change without prior notice. Customized requirements such as Bluetooth and 1C charging and discharging need to be communicated with engineers.