

Rechargeable Li-ion energy battery

Product Specification



OLiPower Energy & Automation Technology Co., Ltd.

1. Product specifications

BRE-B2-16K-01, BRE-B2-16K-02 Parameters	Item	Specification
	Electrical Characteristics	
	Battery Type	LFP (LiFePO4)
	Nominal Voltage	51.52Vdc
	Usable Capacity	15.2kWh
	Nominal Energy	16kWh
	Nominal Power	16000W
	Operating Voltage	44.8~57.6Vdc
	Standard Charge/Discharge Current	157A/157A
	Max. Charge/Discharge Current	200A/200A
	Discharge of Depth (DoD)	95%
	Module Parallel	Up to 15 packs
	Operating Conditions	
	Installation Location	Outdoor/ Indoor
	Operating Temperature	Charge: 0 ~ 50 °C Discharge: -20 ~ 50°C
	Installation	Wall or Floor-mounted installation
	Storage Temperature	-10~45°C
	Humidity	5 ~ 95 (No Condensing)
	Altitude	Max 2000M
	Communication	
	Communication	CAN/ RS232
	Size and weight	
	Dimension(W*D*H)	480mmx289mmx960mm
	Weight	120±1Kg
	Certificate	

	Safety	IEC62619/IEC62040
	EMC	IEC61000-6-1/3
	Transportation	UN38.3
	Ingress Protection	IP65
	Manufacture	
	Production/Manufacturing Address:	China