

Rechargeable Li-ion energy battery

Product Specification



- 95% Depth of Discharge
- Floor or Wall Mounting
- Compact & Easy Installation
- IP65 Protection Level
- Maximum of 15 PACKs in parallel

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OLP Rechargeable Li-ion energy battery Product Specification	Document code: OLP-EB-AO01-1009	Version: V0.1	Page 1 of 3
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1. Product specifications

BRE-B2-14K Parameters	Item	Specification
	Electrical Characteristics	
	Battery Type	LFP (LiFePO4)
	Nominal Voltage	51.2Vdc
	Usable Capacity	13.3kWh
	Nominal Energy	14kWh
	Nominal Power	14000W
	Operating Voltage	44.8~57.6Vdc
	Standard Charge/Discharge Current	140A/140A
	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	116±1Kg
	Certificate	
	Safety	IEC62619/IEC62040

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