

BE Series

BE-14K3-E

BE-16K-E



Features



Color touchscreen

Swipe the screen to see "SN Info", "Capacity Info", "Temp Info", "Cell Voltage", "Current Event", "History Event", "Set Protocol" & "Display Time"



5 Layers of Battery Protection

① High-temperature resistant insulated pads inside the pack; ② Aerogel insulated pads between cells; ③ Internal fire extinguishers in the pack; ④ Decompression valve in the pack; ⑤ More temperature detection.



Fuma wheels and wall mounted fixation

Four concealed heavy-duty Fuma wheels facilitate movement of the battery without detracting from the elegant design. An anti-tipping mount on the back anchors the battery to the wall.



Intelligent algorithms

Using high-precision sensors and algorithms, precise monitoring of various parameters of the battery pack is achieved to ensure the accuracy of the data.



BATTERY Full-process testing, aging test

The ESS is tested throughout the production process, including insulation testing, withstand voltage testing, communication testing, and capacity aging testing.



Powerful parallel function

Maximum support for 15 battery systems in parallel, with a maximum capacity of up to 240Mwh.

Model	BE-14K3-E	BE-16K-E
Performance		
Nominal Voltage	51.2 Vdc	
Nominal Capacity	280 Ah	314 Ah
Battery Energy	14.33 kWh	16.07 kWh
Charge Current	150 A	
Charge Power	7.68 kW	
Discharge Current	150 A	
Discharge Power	7.68 kW	
Short circuit current	540 A	
Communication		
Communication	CAN, RS485	
General Specifcation		
Dimension(WxDxH)	530x230x870 mm	
Weight	120 kg	
Installation	Floor Stand	
Working Temperature	-15°C-55°C	
Operating /Storage	<95%RH	
Altitude	≤2000 m	
IP Rating	IP65	
Cell Technology	LiFeP04, Lithium Iron Phosphate	
Cycle life	6000 Cycles @80%DoD/25°C/0.5C,60%EOL	
Scalability	Max 15 batteries in parallel	