

IP51 Lithium Energy Storage Battery

Model: ME-GLE-B16K



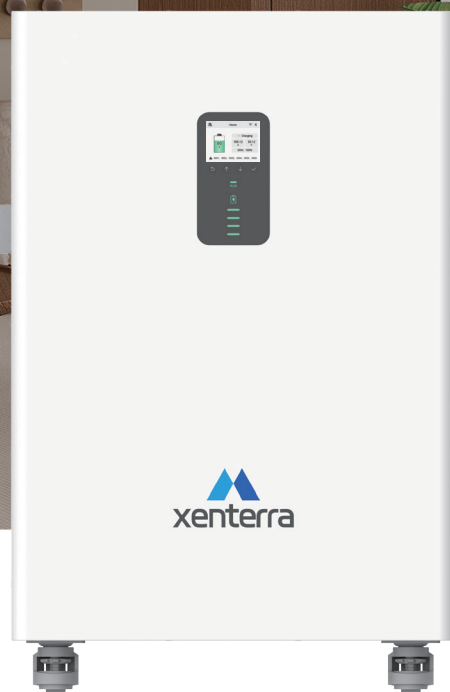
51.2V



Low Voltage



LiFePO4



Leading Durability

- Cobalt Free Lithium Iron Phosphate (LFP)
- Built-in intelligent BMS, multi-layer protection



Superior Safety

- Premium Grade A LFP cells
- Cycle life ≥ 8000 times
- EOL >70% capacity after 8000 cycles



Flexible Adaptability

- Floor mounting installation
- Compact size for quick and easy installation
- Modular design, expandable in parallel



User-friendly

- Seamless OTA updates
- 200A Max. charging current for fast charging
- Noise level < 30 dB, quiet and comfortable

Technical Parameter

Model	ME-GLE-B16K
Main Parameters	
Battery Chemitry	LiFePO4
Scalability	Max. 8 pcs pack (Max.128kWh) in parallel
Nominal Voltage	51.2V
Operating Voltage	44.8 ~ 57.6V
Capacity	314Ah
Energy	16kWh
Max. Charge & Discharge Current	200A
Recommend Charge & Discharge Current	157A
Recommend Depth of Discharge	90%
Other Parameters	
Dimensions (W*H*D)	500*891*260 mm
Weight	117kg
Installation	Floor-Mounted
OperatingTemperature(discharge)	-20℃~60℃
OperatingTemperature(charge)	0℃~50℃
Relative Humidity	5 ~ 95%
Altitude	2000m
Ingress Protection	IP51
Cycle Life	≥8000 (25℃±2℃, 0.5C/0.5C, 90%DOD, 70%EOL)
Communication Interface	RS485/CAN
Communication	Bluetooth/WIFI
Certification	UN38.3, MSDS,CE-RED,ROHS,IEC 62619