

Solar Energy Storage Battery

Model: ME-GLE-B5K

IP50 | 5.12kWh/48V | Low Voltage



Expandable to 8 units in parallel (40.96kWh)



Cycle Life ≥ 6000 times for long-lasting use



Supports floor, wall, or stack mounting



IP50-rated for reliable and safe operation



Premium LiFeP04 cells and high-efficiency processors

Technical Parameter

Model	ME-GLE-B5K
Main Parameters	
Battery Chemitry	LiFePO4
Scalability	Max. 8 pcs in Parallel (40.96kWh)
Nominal Voltage	51.2V
Operating Voltage	40-60V
Nominal Capacity	100Ah
Energy	5.12kWh
Max. Charge & Discharge Current	100A
Recommend Charge & Discharge Current	50A
Recommend Depth of Discharge	90%
Other Parameters	
Dimension(W×H×D)	556*146*351 mm
Weight	44Kg
Installation	Floor-Mounted/Stackable
Operating Temperature	0-55°C
Storage Temperature	-15 - 60°C
Relative Humidity	5 ~ 95%
Altitude	2000m
Ingress Protection	IP50
Cycle Life	≥ 6000 @90%DOD
Warranty	5 Years /10 Years (Optional)
Communication	RS485
Certification	UN38.3, MSDS