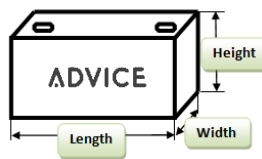


Battery LiFePO₄ - 48V 100Ah	BLF48V100M1
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Dimension (with case)	
Length	500mm
Width	400mm
Height	200mm
Weight	50kg



Electrical Specification		Mechanical Specification	
Nominal voltage	48V	Terminal type	M6 Screw
Nominal capacity	100Ah	Case material	Metal Case
Energy	4800Wh	Cell type	Prismatic
Impedance (1kHz)	≤40mΩ	Cell quality	A grade cells
Self discharge	<3% / month	Cell technology	LiFePO ₄

Charge Specifications		Discharge Specification	
Recommend charge current	40A	Max. cont. discharge	75A
Max. charge current	50A	Peak discharge current	100A
Charge Voltage	52.0-54.0V	BMS discharge cut off	300A±50A
Charge mode	CC/CV	Recommendation cut-off	40V

Temperature Specifications		Features	
Discharge temperature	-20 to 60°C	Cycle life (80% DOD)	>2000 times
Charge temperature	0 - 45°C	Built-in Protection	Over charging
Storage temperature	-20 to 40°C		Over discharging
Cut off temperature	75-80°C		Short circuit
Relative Humidity	60±25%		Temp prot.

Other customize service & Benefits	
Light weight	Dry power lithium batteries has higher energy density wh/kg also being up to 1/3 of SLA battery
Suitable applications	Lithium Iron Phosphate can be used in any application that would normally use Lead Acid, GEL or AGM type batteries Suitable applications included caravan, marine, golf carts, solar storage, remote monitoring, UPS switching applications.

Cautions	
Do NOT expose the battery to fire & high temperature. Do NOT short circuit, crush or disassemble. The storage area should be clean, cool, dry and ventilated. Do NOT expose the battery to water. Never connect the positive and negative of battery with metal.	
Do not connect batteries in series and in parallel. Store at 50% capacity, recharge every 3 months. Use only LiFePO ₄ charger. Never upside down the positive and negative.	

This information is for technical reference only and should not be used as a basis for product guarantee or warranty.