

MLEB LFP18-60

Lithium LiFePO4 E-Bike Battery



GENERAL

Nominal Voltage	60V
Working Voltage	51.3V-69.35V
Recommended Voltage	57V-67.45V
Cells	76
Nominal Capacity	18Ah
Energy	1080Wh
Reserve @ 1C	57 Minutes
Self Discharge	1% per month
IP Rating	IP54

CHARGING

Recom.Charging Current	<9A
Max Charging Current	15A
Bulk/Absorb Voltage	67.45V
Float Voltage	64.125V or off
Equalization	No
BMS High Voltage Cutoff	70.3V
Charging Temp. Range	0°C~45°C

PHYSICAL

Cell Chemistry	Lithium Iron Phosphate
Cell Type	Cylindrical
Cell Configuration	4P19S
Series Connectable	No
Parallel Connectable	No
Weight	9KGS
Dimension L*W*H	39.5*14.7*8.4CM
Terminal Type	XT 60
Shell Tyle	Rubber Shrink Tube
UN Shipping Class	UN3480

SAFETY

Chargeing Freeze Protection	Yes, Under 0°C
Pack Over-Voltage	Yes
Cell Congiguration	Yes
Pack Under-Voltage	Yes
Cell Under-Voltage	Yes
Cell Over-Temp	Yes
BMS Over-Temp	Yes
Short Circuit/Over current	Yes
Certifications	UN38.3 MSDS

DISCHARGING

Max Continuous Discharge	36A
Max Discharge 3 Sec	90A
Max Discharge 30Sec	54A
Recom.Voltage Cutoff	57V
BMS Voltage Cutoff	51.3V
BMS Voltage Recovery	55.1V
Disharging Temp. Range	-20°C~60°C

COMMUNICATION

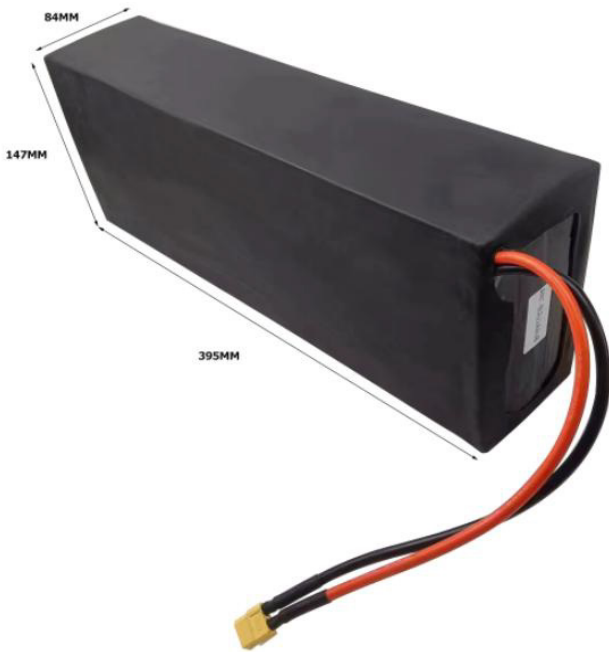
Bluetooth & App	Yes
CAN	No

Note: The above datas are average values. (Edition 2023-01)

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Battery image for refer

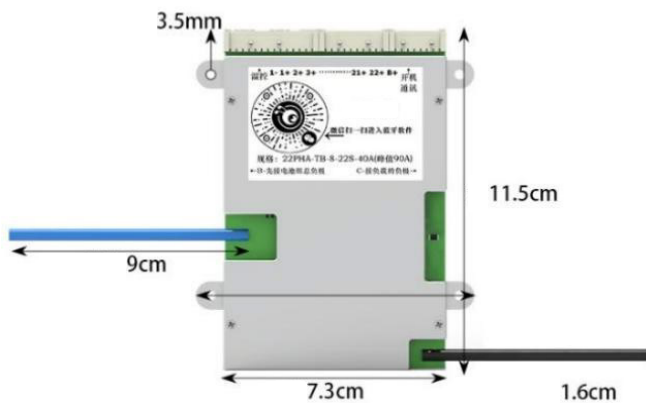


3.8" LCD DISPLAY



BMS

SMART BMS 19S40A Peak 90A



CELL

TENPOWER 26700 4500MAh



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