



# LFP Battery

## MLEB LFP40-72

### GENERAL

Nominal Voltage	73.6V
Working Voltage	64.8V-87.6V
Recommended Voltage	72V-85.2V
Cells	23
Nominal Capacity	40Ah
Energy	2944Wh
Reserve @ 1C	57 Minutes
Self Discharge	1% per month
IP Rating	IP54
Cycles	2200 Times (1C, @25C)

### CHARGING

Recom.Charging Current	20A
Max Charging Current	40A
Bulk/Absorb Voltage	81.65V
Float Voltage	77.63V or off
Equalization	YES
BMS High Voltage Cutoff	85.1V
Charging Temp. Range	0°C~45°C

### SAFETY

Charging Freeze Protection	Yes, Under 0°C
Pack Over-Voltage	Yes
Cell Configuration	Yes
Pack Under-Voltage	Yes
Cell Under-Voltage	Yes
Cell Over-Temp	Yes
BMS Over-Temp	Yes
Short Circuit/Over current	Yes

### DISCHARGING

Max Continuous Discharge	50A
Max Discharge 30Sec	100A
Max Discharge 3Sec	160A
Recom.Voltage Cutoff	64.4V
BMS Voltage Cutoff	62.1V
BMS Voltage Recovery	66.7V
Discharging Temp. Range	-20°C~60°C

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### PHYSICAL

Cell Chemistry	Lithium Iron Phosphate
Cell Type	PRISMATIC
Cell Configuration	1P23S
Series Connectable	No
Parallel Connectable	No
Weight	30.5KGS
Dimension L*W*H	463*258*163mm
Terminal Type	Anderson 50A Grey
Shell Tyle	Powder Coated steel
UN Shipping Class	UN3480

### COMMUNICATION

Bluetooth & App	YES
CAN	NO