



BeLY Bluetooth with Heating Series LFP-48V80AH

This series is with features:

New Grade A+ prismatic cells

Pre-charge function

With Bluetooth and Self-heating

Smart BMS design

ELECTRICAL SPECIFICATIONS

Nominal Voltage	51.2V
Nominal Capacity	80Ah
Energy	4096Wh
Resistance	$<10\text{m}\Omega$
Discharge Efficiency	$>99\%$
Self Discharge	$<3\%$ per Month

CHARGE SPECIFICATIONS

Maximum Charge Current	100A
Recommended Charge Current	$\leq 50\text{A}$
Charge Voltage	56.8~58.4V
Charge Cut-off Voltage	58.4V
Reconnect Voltage	54.4V

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	522*240*218mm
Weight	36kg
Terminal Type	M8
Terminal Torque	10-15N·m
Case Material	ABS
Enclosure Protection	IP65

DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Current	100A
Max. Pulse Discharge Current	120A (5S)
Discharge Cut-off Voltage	40V
Reconnect Voltage	48V
Short Circuit Protection	Yes

TEMPERATURE SPECIFICATIONS

Discharge Temperature	-4~140°F (-20 ~60°C)
Charge Temperature	-22~140°F (-30°C~60°C)
Temperature Range Storage <1 month	-4~122°F (-20°C~50°C)
Temperature Range Storage >1 month	23~104°F (-5°C~40°C)