

LFP CHEMISTRY LITHIUM BATTERY

DATA SHEET

NE3W73200BL

WARRANTY

36

 MONTHS

GENERAL CHARACTERISTICS

Nominal Voltage (V)	73.6
Capacity (Ah)	200
No. of cell in series	23
No. of cell in parallel	2
Total No. of cell	46
Cell Type	Prismatic-(100Ah)
Chemistry	LFP

ELECTRICAL CHARACTERISTICS

Maximum cut-off voltage (V)	83.95
Minimum cut-off voltage (V)	64.4
Charging Voltage (V)	81.65
Charging mode	CC-CV
Recommended charging current (A)	40.0
Maximum charging current (A)	70.0
Maximum continuous discharging current (A)	200.0
Peak discharging current (A)	250.0 @30Sec
Cycle Life @90% DOD	1500
Cell Under Voltage Protection (V)	2.8
Cell Under Voltage Release (V)	2.9
Cell Over Voltage protection (V)	3.65
Cell Over Voltage Release (V)	3.55

PROTECTIONS

Cell under voltage protection	Yes
Cell over voltage Protection	Yes
Over current protection	Yes
Short circuit protection	Yes
Temperature protection	Yes

TEMPERATURE CHARACTERISTICS

Working Temperature (°C)	0°C - 55°C
Storage Temperature (°C)	0°C - 45°C

OTHERS

Weight (Kg)	150 Approx.
Power Connector	Anderson SB-50 For Charging and Anderson SBX-175 For Discharging
IP Rating	IP67
Communication Type	RJ45 Connector
Dimension (LXWXH)mm	(758X588X273)mm
IOT Device	Yes
Pressure Vent	Yes

WARNINGS

- Service removal or installation of battery pack must be performed by authorized person only.
- Improper handling of batteries and electrical components can result in serious injury or death.
- Do not immerse or throw the battery pack in water. Does not pressure wash the battery pack.
- Do not operate at temperatures below: 0°C
- Do not expose to temperature above: 60°C
- Do not drop.
- Improper use of charger.
- Please charge battery at least once in a month.

NEURON ENERGY

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