

# NMC CHEMISTRY LITHIUM BATTERY

## DATA SHEET

# NE 2W7239BN

WARRANTY  
**36**  
MONTHS

### GENERAL CHARACTERISTICS

Nominal Voltage (V)	72
Capacity (Ah)	39
No. of cell in series	20
No. of cell in parallel	15
Total No. of cell	300
Cell Type	18650- Cylindrical
Chemistry	Li-NMC

### ELECTRICAL CHARACTERISTICS

Maximum cut-off voltage (V)	84
Minimum cut-off voltage (V)	60
Charging Voltage (V)	84
Recommended charging current (A)	12.0
Maximum discharging current (A)	39.0
Cell Discharging Protection level (V)	3.0
Cell charging protection level (V)	4.2
Balancing current (mA)	20
Cycle Life	1500+
DOD Level (%)	90

### 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)	10°C - 45°C

**OTHERS**

Dimension (mm)	220X153X340
Weight (Kg) Approx	21
Power Connector	SB-50 / C-14

**SAFETY AND WARNINGS**

During their use, the batteries should be kept away from heat sources and high voltages.

Do not dismantle or assemble the batteries by yourself.

Do not heat and burn of the batteries and throw them in fire.

Damping of the battery is prohibited.

Avoid charging battery near a fire source or in direct sunlight.

The battery should not be damaged by means of methods like knocking metallic things into the battery, hammering the battery, knocking it violent or etc.

Welding is not allowed to be conducted on the battery.

Do not directly contact with the leaking battery.

**NEURON ENERGY**

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