



Nurturing outstanding innovation for you

Lithium Iron Phosphate Battery

51.2V 100Ah



3500 CYCLES
Long Cycle Life



5+ YEARS LIFE
Reliable Performance



ADVANCED BMS
Advanced Protection



FAST CHARGING
Reduced Charging Time



HIGH SAFETY
Thermal Protection



HIGH EFFICIENCY
Maximum Energy Utilization



LOW MAINTENANCE
Hassle-Free Operation



ECO FRIENDLY
Zero Maintenance



Specification (51v series)

Model	NIE - 52100
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Energy	5.12 kWh
Configuration	16S1P
Cell Type	LiFePO4 Prismatic Cells
Charging Voltage	58.4V
Max Charge Current	50A
Max Discharge Current	100A
Peak Discharge Current	150A (10 sec)
Cut-off Voltage	40V
Cycle Life	>= 3500 cycles
Operating Temperature	Charge: 0°C ~ 55C Discharge: -20°C ~ 60C
Communication	RS485 / CAN (Optional)
Protection	Over Charge, Over Discharge, Over Current, Short Circuit, Temperature Protection
Warranty	3 Years

SERIAL NO.

MFG. DATE

BATCH NO.

MRP

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6 inch

Lithium EV Battery

51.2V 100Ah

NIE - 52100



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 WARNING



इलेक्ट्रॉनिक बैटरी



पानी से दूर रखें।

Customer Care : +91 83694 57406

4.5 inch