



PRODUCT SPECIFICATION SUMMARY

72V 40Ah Electric Motorcycle Lithium Battery

New Journey handles quotations for the 72V 40Ah electric motorcycle battery. The 20S8P configuration combines a steel case and power display at about 14kg. For buyers planning the battery compartment, the order drawing establishes the enclosure size and access to the motorcycle connections.

Compiled from the product page for initial selection. This is not a signed factory specification or a test report. Reference configurations are for selection; final supply follows the approved order configuration.

Technical Specifications

Item	Specification
Nominal Voltage	72V
Rated / Minimum Capacity	40Ah / 39.2Ah
Cell Format / Configuration	21700 5000mAh / 20S8P
Cell Model Reference	Reliance RS50, TP50SG, TP50XG, Samsung 50S, or customer-designated model; final BOM approval required
Housing / Display	Steel case / LCD power display
Charge Method	CC @ 0.2C to 84V, then CV until current falls to 0.05C
Recommended / Max Charge Voltage	84V recommended / ≤85V cut-off
Maximum Charge Current	40A; supplied sheet recommends 0.5C charging
Recommended / Hard Discharge Cut-off	60V recommended / ≥50V boundary
Maximum Continuous Discharge	340A / 400A or customer-designated configuration, subject to approved BMS and finished pack design
Operating Temperature	Charge 0-55°C Discharge 0-55°C; cell surface ≤60°C
Cycle Life Reference	>1000 cycles with remaining capacity above 80% under supplied reference conditions
Approx. Weight	Approx. 14kg
Dimensions	According to custom requirements / approved project drawing