



PRODUCT SPECIFICATION SUMMARY

72V 100Ah Golf Cart Lithium Battery

New Journey quotes the 72V 100Ah golf-cart battery for 76.8V vehicle systems. The 24S1P configuration provides 7.68kWh and a 100A maximum continuous discharge rating. It gives cart buyers a defined starting point for matching the controller load, cell selection and charging equipment.

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	Confirmed Specification
Chemistry	LiFePO4
Cell options	24 pcs 3.2V 100Ah prismatic cells; REPT, EVE or Gotion selected by approved order configuration
Series configuration	24S1P
Market voltage class	72V
Nominal voltage	76.8V
Pack rated capacity	100Ah at 25 +/- 2 degrees C, 60V cut-off
Rated nominal energy	7.68kWh, calculated from 76.8V x 100Ah
Maximum charge voltage	87.6V
Discharge cut-off voltage	60V
Maximum charge current	100A
Standard discharge current	100A
Maximum continuous discharge	100A
Cell impedance	40mOhm maximum at AC 1000Hz
Cycle-life reference	2,000 cycles to at least 80% remaining capacity under the supplied 0.5C test method
Approximate weight	58kg
Communication / monitoring	Bluetooth and RS485; protocol and display/app scope require order confirmation