



PRODUCT SPECIFICATION SUMMARY

3.7V 2600mAh Battery Pack

Discuss a 3.7V 2600mAh battery pack quotation with New Journey for your device project. One 18650 cell provides 9.62Wh in an approximately 60g assembly, with a 7.8A continuous discharge reference. Protection, plug and lead arrangements can be specified around the equipment connection.

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	NCM lithium-ion
Cell format	18650, 2600mAh, 3C
Configuration	1S1P
Nominal voltage	3.7V
Rated capacity	2.6Ah / 2600mAh
Minimum rated capacity	2.55Ah
Nominal energy	9.62Wh (calculated from 3.7V × 2.6Ah)
Charge cut-off voltage	4.2V maximum
Discharge cut-off voltage	2.6V minimum; 3.0V recommended
Maximum charge current	2A; 0.5C recommended
Maximum continuous discharge	7.8A; 8A BMS
Cycle life	At least 500 cycles with more than 80% initial cell capacity under the stated standard charge/discharge conditions
Housing	Heat-shrink film
Approximate size	19 × 20 × 67mm
Approximate weight	0.06kg
Connector options	2-pin connector, JST or DC5521; final connector, polarity and lead length by confirmation

Configuration and rating notes

The approved order should state whether protection, leads and connector are included. Keep polarity and the allowed current tied to that finished assembly rather than treating a nominal cell capacity as a complete battery specification.