



PRODUCT SPECIFICATION SUMMARY

14S 36000mAh UAV Battery

New Journey offers a quote for the 14S 36000mAh UAV battery for a 51.8V aircraft system. This 14S1P pack combines 1864.8Wh with about 5.6kg mass in a 155 x 90 x 205mm body. It gives buyers a defined energy-and-fit option to compare with the larger 72Ah and 105Ah packs.

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

Parameter	Specification
Reference configuration	14S1P-36Ah
Product category	semi solid state lithium UAV battery
Configuration	14S1P
Nominal voltage	51.8V
Nominal capacity	36000mAh / 36Ah
Nominal energy	1864.8Wh
Cell energy-density reference	350Wh/kg cell reference; confirm corresponding cell documentation
Pack weight	Approx. 5.6kg
Pack size (L x W x H)	155 x 90 x 205mm
Discharge rate shown	3C / 10C shown on product reference
Arithmetic current reference	108A at 3C; 360A at 10C (arithmetic references only, not verified pack limits)
Power / balance interface	High-current power lead and balance interface shown; final mating connector and cable configuration confirmed for the approved order
Charging profile	Matched series-count charging; charge voltage/current and charger workflow confirmed for the final configuration

Configuration and rating notes

The supplied product reference lists 350Wh/kg. In accordance with the supplier's cell-level clarification, this is a cell energy-density reference. Confirm the corresponding cell model, specification revision and measurement conditions with the quotation. The 1864.8Wh pack energy and approximately 5.6kg finished weight are separate aircraft integration inputs; neither establishes nor disproves the cell rating.