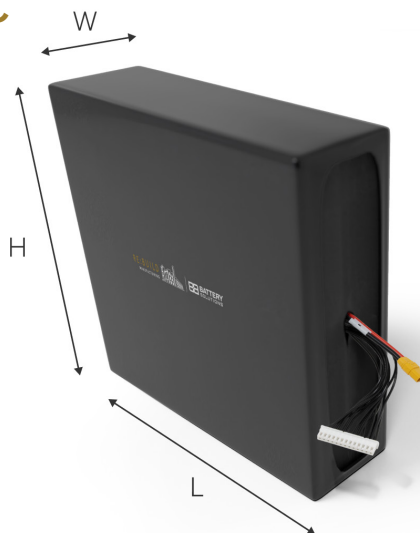




Power 12S1P 5.3Ah 30C

MODEL NO: 0301-1201-10-02



APPLICATIONS

Unmanned Aerial Systems (UAS) - Drones
Unmanned Ground Vehicles (UGV)
Mobile Energy Storage
Robotics
RC Vehicles

AVAILABLE UPGRADES

Hard-case housing
Integrated BMS
Custom connector options
Custom lead length configurations

TECHNICAL DATA

Chemistry	Li-Ion
Configuration	12S1P (12 cells total)
Nominal Voltage	44.2V
Maximum Voltage	49.8V
Minimum Voltage	36.0V (recommended cutoff)
Capacity	5.3Ah / 5,300mAh
Nominal Energy	234Wh
Max Continuous Discharge	159A (30C)
Max Charge Current	24A (4.53C)
Weight	56.9 oz (1,614 g)
Energy Density	145 Wh/kg
Dimensions	140 × 44 × 136 mm
Cycle Life	Varies per application, usage, and care
BMS	None
Power Lead	Customer-specified (XT90H-F / XT60H-F / AS150U)
Balance Lead	JST XHP-13



NDAA
COMPLIANT



ASSEMBLED
IN USA



NON-FEOC
CELLS

Safety Notes: This pack contains no integrated protection circuitry and is intended for controlled applications where charge/discharge management is externally regulated. Use only with compatible chargers and systems capable of monitoring cell voltages individually.

Disclaimer: Re:Build Battery Solutions is not liable for damages arising from use or misuse of this information. Specifications are for descriptive purposes only and subject to change without notice. Testing and validation under actual operating conditions are the responsibility of the end user.