



Power 6S9P 45Ah 12C

MODEL NO: 0102-0609-10-02



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	6S9P (54 cells total)
Nominal Voltage	21.6V
Maximum Voltage	24.9V
Minimum Voltage	18.0V (recommended cutoff)
Capacity	45Ah / 45,000mAh
Nominal Energy	972Wh
Max Continuous Discharge	540A (12C)
Max Charge Current	18A (0.4C)
Weight	141.8 oz (4,020 g)
Energy Density	242 Wh/kg
Dimensions	146 × 212 × 74 mm
Cycle Life	Varies per application, usage, and care
BMS	None
Power Lead	Customer-specified (XT90H-F / XT60H-F / AS150U)
Balance Lead	JST XHP-7



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.