



Core 6S11P 55Ah 9C

MODEL NO: 0101-0611-10-02



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	6S11P (66 cells total)
Nominal Voltage	21.6V
Maximum Voltage	24.9V
Minimum Voltage	18.0V (recommended cutoff)
Capacity	55Ah / 55,000mAh
Nominal Energy	1188Wh
Max Continuous Discharge	495A (9C)
Max Charge Current	7A (0.13C)
Weight	184.4 oz (5,227 g)
Energy Density	227 Wh/kg
Dimensions	146 × 258 × 75 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.

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