

Power 8S11P 55Ah 12C

MODEL NO: 0102-0811-10-02



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	8S11P (88 cells total)
Nominal Voltage	28.8V
Maximum Voltage	33.2V
Minimum Voltage	24.0V (recommended cutoff)
Capacity	55Ah / 55,000mAh
Nominal Energy	1584Wh
Max Continuous Discharge	660A (12C)
Max Charge Current	24A (0.44C)
Weight	230.0 oz (6,522 g)
Energy Density	243 Wh/kg
Dimensions	192 × 258 × 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-9



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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