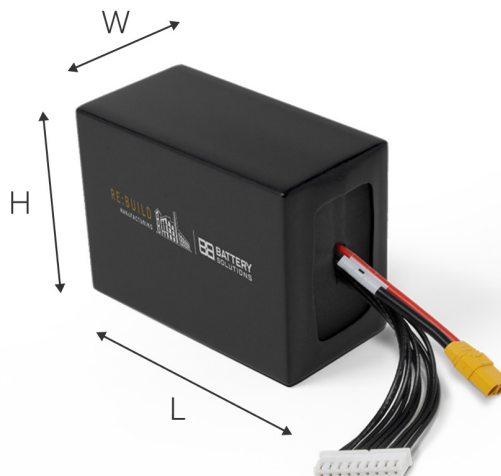


Core 8S1P 5Ah 9C

MODEL NO: 0101-0801-10-02



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	8S1P (8 cells total)
Nominal Voltage	28.8V
Maximum Voltage	33.2V
Minimum Voltage	24.0V (recommended cutoff)
Capacity	5Ah / 5,000mAh
Nominal Energy	144Wh
Max Continuous Discharge	45A (9C)
Max Charge Current	10A (2.0C)
Weight	23.8 oz (675 g)
Energy Density	213 Wh/kg
Dimensions	100 × 51 × 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-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.

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.