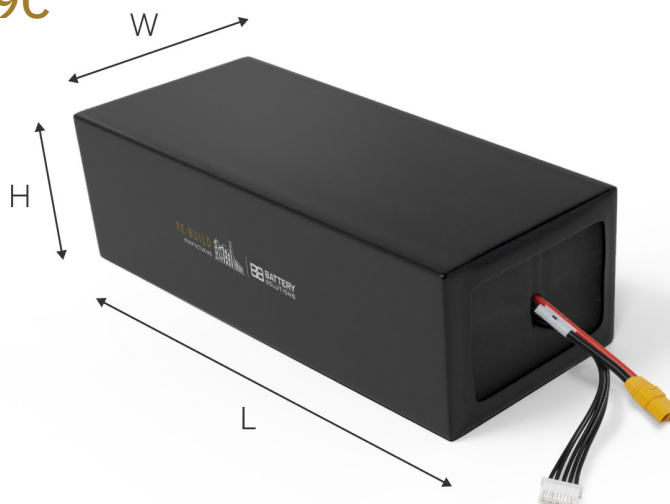




Core 4S10P 50Ah 9C

MODEL NO: 0101-0410-10-02



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	4S10P (40 cells total)
Nominal Voltage	14.4V
Maximum Voltage	16.6V
Minimum Voltage	12.0V (recommended cutoff)
Capacity	50Ah / 50,000mAh
Nominal Energy	720Wh
Max Continuous Discharge	450A (9C)
Max Charge Current	5A (0.1C)
Weight	112.4 oz (3,186 g)
Energy Density	226 Wh/kg
Dimensions	100 × 235 × 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-5



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.