



## Power 8S9P 45Ah 12C

MODEL NO: 0102-0809-10-02



### 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            | 8S9P (72 cells total)                           |
| Nominal Voltage          | 28.8V                                           |
| Maximum Voltage          | 33.2V                                           |
| Minimum Voltage          | 24.0V (recommended cutoff)                      |
| Capacity                 | 45Ah / 45,000mAh                                |
| Nominal Energy           | 1296Wh                                          |
| Max Continuous Discharge | 540A (12C)                                      |
| Max Charge Current       | 24A (0.53C)                                     |
| Weight                   | 188.5 oz (5,344 g)                              |
| Energy Density           | 242 Wh/kg                                       |
| Dimensions               | 192 × 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-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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