MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-670-14s-Lipo-Pack

CONSUMER APPLICATIONS

+ Robotics
+ Unmanned Aerial Systems (UAS) - Drones
+ RC vehicles

COMMERCIAL & GOVERNMENT APPLICATIONS

+ Unmanned Aerial Systems (UAS) - Drones
+ Unmanned Ground Vehicles (UGV)
+ Robotics
+ Mobile Energy Storage
+ Vehicles

TECHNICAL DATA

BATTERY DIMENSIONS - 56mm x 30mm x 85mm
BATTERY WEIGHT - 258g
BATTERY CAPACITY @ 0.5C RATE - .67Ah (670mAh)
VOLTAGE - 51.8v (NOMINAL/STORAGE) ; 42v (MIN) ; 58.8v (MAX)
WATT HOURS - 34.71Wh
ENERGY DENSITY @ Nominal Voltage - 135Wh/kg
INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 42mΩ
STANDARD CHARGE RATE - .67A (1C MAX)
BALANCE CHARGE RATE - 3.35A (5C MAX)
MAXIMUM CONTINUOUS DISCHARGE - 34.84A*
MAXIMUM PEAK DISCHARGE - 117.25A*
CYCLE LIFE - Varies per application/usage/care
OPERATING TEMPERATURE - 0°C to 60°C
STORAGE TEMPERATURE - 0°C to 23°C

*Discharging at continuous and peak rates may lower life cycles.

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