Lithium Ion Battery

Model #V-LYP100Ah

Operating Voltage: 2.8-4.0
Nominal Voltage: 3.2
Nominal Capacity: 160Ah @ 48A
Max Discharge Current (Continuous): 300A
Max Discharge Current (Pulse): 1000A
Maximum Charge Current: ≤ 3C
Operating Temp Charging: -18-75 degrees C
Cycle Life: (80%DOD): 2000
Cycle Life: (70%DOD): 3000
Energy Density: 230-380 Wh/L
Specific Power: 600-1000 W/KG
Weight: 5.6 kg; 12.35 lbs
Dimensions: 279 x 182 x 71 mm
Discharge Rate: < 3% monthly

Also available: Prismatic; V-LYP40Ah, V-LYP50Ah, V-LYP60Ah, V-LYP90Ah, V-LYP100Ah, V-LYP150Ah, V-LYP160Ah, V-LYP180Ah, V-LYP200Ah, V-LYP260Ah, V-LYP300Ah, V-LYP400Ah, V-LYP1000Ah. CYLINDRICAL: V18650, V26650, V38120
Charge & Discharge Chart

LFP battery's discharge curve under normal temperature

LFP battery's circulation charging and discharging curve under normal temperature

LFP battery's discharge curve under different temperatures

LFP battery's storage characteristic curve in normal temperature