



40138 CELLS: 3.3V / 10Ah
CELL WEIGHT 359 GRAMS

Nominal Capacity 10000 mAh

Minimum Capacity 9000 mAh

Charging Voltage 3.65 V

Typical Voltage 3.20 V

Cut-off Discharge Voltage 2.10 V

Charging Method CC/CV

(Constant Current/Constant Voltage)

Maximum Discharge Current (continuous) 120A

Maximum Discharge Current (18s pulse) 140 A

Maximum Charge Current 30A

Cycle Life (minimum) 3,000 cycles, Capacity 7200 mAh

Charge Temperature Range 0~45

Discharge Temperature Range -10~55

Short Period Storage Temperature (1 month) -10~45

Long Period Storage Temperature (6 month) 0~35

Gravimetric >80 Wh/Kg

Volumetric >170Wh/L

Power Density (100% SOC, 18s peak)

Gravimetric >600 W/Kg

Volumetric >1230 W/L

Initial Internal Impedance <6 mΩ