

Data Sheet¹

Type Designation OSL-804040P-01

Dimensions [mm]

Length (L) Max.39.5 (without Tabs)
 Width (W) Max.39.5
 Thickness (T) Max. 8.2(delivery status)
 Max. 9.02(after cycling)
 Tab Distance 18 +-1
 Tab Length 9+-2
 Tab Width 3 +-0.1
 Top Sealing Width >= 3.0

Weight, approx. [g] 21.5

Electrical Parameter

Nominal Voltage [V] 3.7 (average)
 Typical capacity [mAh] 1200 (0.2C at 20°C)
 Minimum capacity C [mAh] 1100 (0.2C at 20°C)

Impedance initial [mΩ] <90 @ 1kHz at 4.2V

Max. Charge [mA] 1100
 Max. Charge Voltage [V] 4.20
 Max. cont. Discharge [mA] 2200
 Discharge Cut off [V] 3.0

Life expectancy 1C / 1C, 500 >80% of initial capacity
 [20°C Cycles]

Operating temperature [°C] Charge: 0 to 45
 Discharge: -20 to 60

Storage Temperature 6 month at -20 to +35°C

Safety Parameter

UL Recognition UL1642 - MH45908

Overcharge 3C 4.8V	No fire, no explosion
Overdischarge 30Ohm 24h	No fire, no explosion
Short Circuit <100mOhm	No fire, no explosion, T<150°C
Heating 130°C 30min	No fire, no explosion
Nailing 2.5D	No fire, no explosion

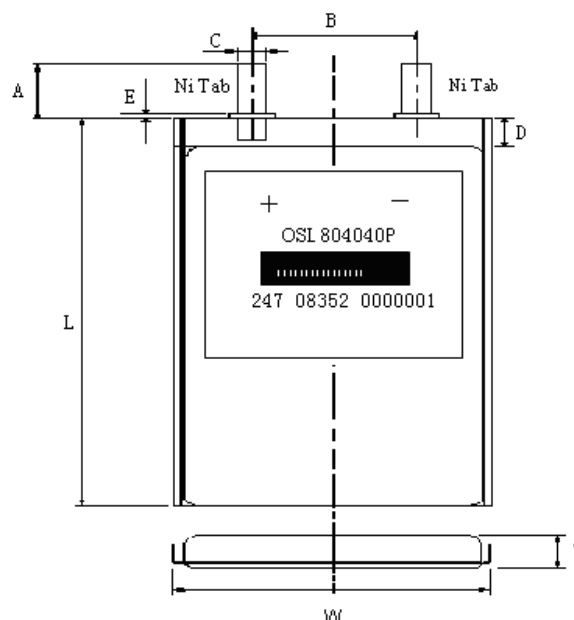
Delivery Status

Cell Voltage 3.7 – 3.9V
 Cell Capacity 50-60%

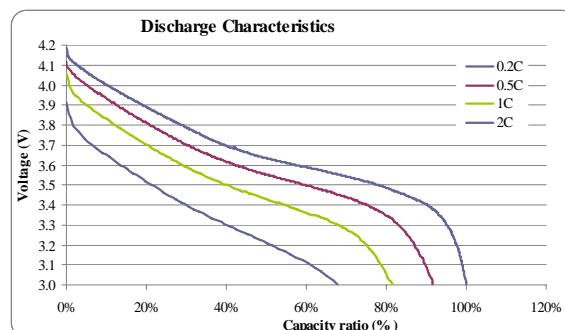
Printing on the cell

Type OSL804040P
 Date Code yyxxz yy=year, xx=cw, z=day
 3.7V 1100mAh 4.1Wh
 Wheelie Bin

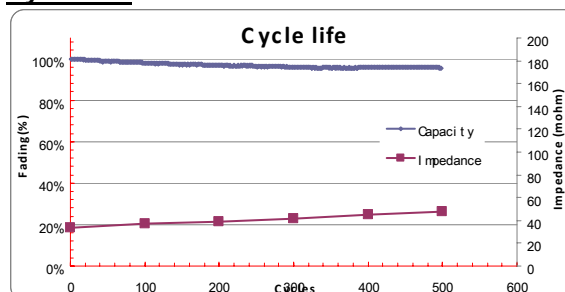
Mechanical Drawing



Rate Capability



Cycle Life



¹ Prior to use read Handling Precaution and Prohibitions for Li-Polymer Batteries
 Subject to change without prior notice !