

## Data Sheet<sup>1</sup>

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, [20°C Cycles] 500 >80% of initial capacity

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 300hm 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

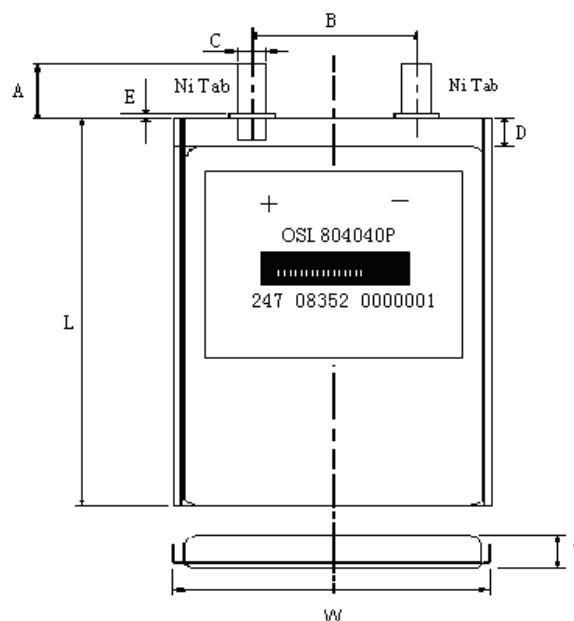
### Delivery Status

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

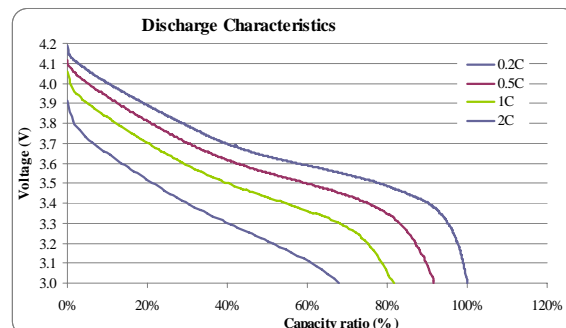
### Printing on the cell

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

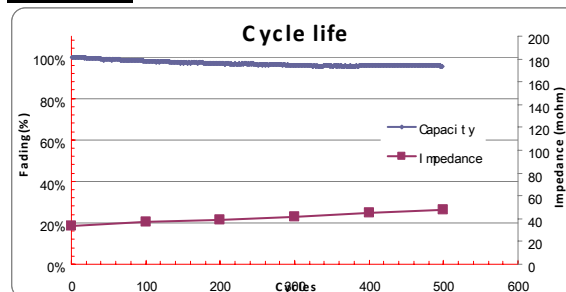
### Mechanical Drawing



### Rate Capability



### Cycle Life



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