

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

Type Designation                      OSL-6330130P-01

#### Dimensions [mm]

Length (L)                                    Max.130.5 (without Tabs)  
 Width (W)                                    Max.30.5  
 Thickness (T)                                Max. 6.3(delivery status)  
     Max. 6.93(after cycling)  
 Tab Distance                                12 +-1  
 Tab Length                                  9+-2  
 Tab Width                                    5 +-0.1  
 Top Sealing Width                        >= 3.0  
 Weight, approx. [g]                        48.3

#### Electrical Parameter

Nominal Voltage [V]                        3.7 (average)  
 Typical capacity [mAh]                      2500 (0.2C at 20°C)  
 Minimum capacity C [mAh]                   2400 (0.2C at 20°C)  
 Impedance initial [mΩ]                      <60 @ 1kHz at 4.2V  
 Max. Charge [mA]                            2400  
 Max. Charge Voltage [V]                    4.20  
 Max. cont. Discharge [mA]                2400  
 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

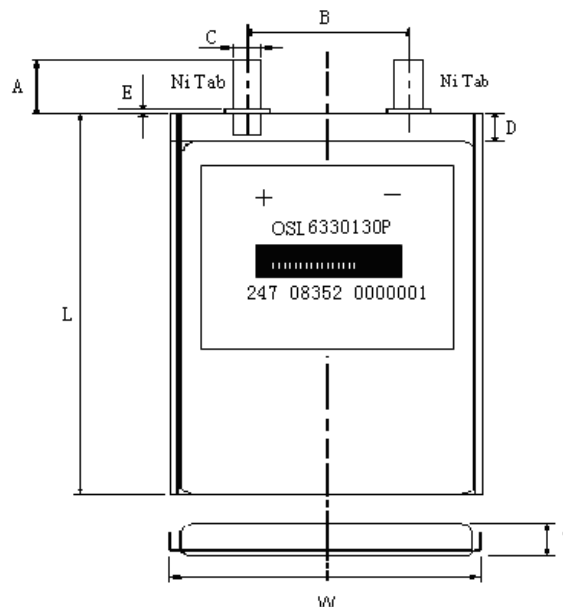
#### Delivery Status

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

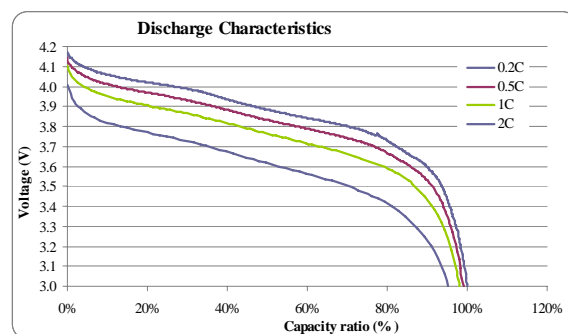
#### Printing on the cell

Type    OSL6330130P  
 Date Code yyxxz                            yy=year, xx=cw, z=day  
     3.7V 2400mAh 8.9Wh  
     Wheelie Bin

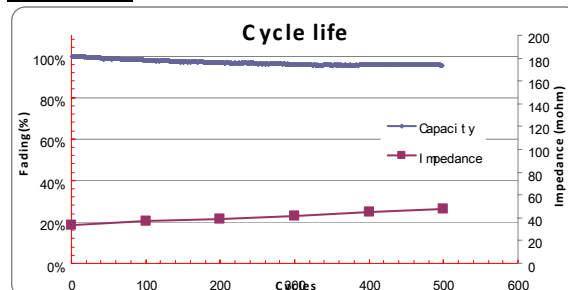
#### Mechanical Drawing



#### 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 !