

1. APPLICABILITY

The specification is applicable to GP Lithium Ion Rechargeable Batteries.

GP Model : XP18650-30U

Cell Size : Cylindrical Cell with Diameter = 18.3 mm Max and Height = 65.4mm Max

2. RATINGS

2.1	Rated voltage	:	3.78 V
2.2	Capacity #	:	3000 mAh (typical) 2900 mAh (minimum)
2.3	Standard charge	:	Constant current at 600 mA with max. voltage of 4.35V ,cutoff current at 60mA
2.4	Standard discharge	:	Constant current at 600 mA to 2.75 V
2.5	Maximum charge current	:	1500 mA
2.6	Maximum discharge current	:	6000 mA
2.7	Internal impedance	:	≤ 70 mohm
2.8	Cell weight	:	≤ 48g
2.7	Operating temperature	:	0°C – 45°C (charge) -20°C – 60°C (discharge)
2.8	Storage temperature	:	-20°C – 45°C (1 month) -20°C – 40°C (6 months) -20°C – 35°C (12 months)

Based on standard charge/discharge. If the cell is kept as ex-factory status (~ 50% of charge), the capacity recovery rate is more than 80%.

3. CONFIGURATION AND DIMENSIONS

Please refer to the drawing.

