

GL5000



Lithium Ion
polymer
Battery

BATTERIES

Electrical specification	
System	Rechargeable Lithium-ion Polymer Battery
Nominal Capacity [at 0.2C (960MA)]	4800 mAh (min) 5000 mAh (typical)
Nominal Voltage	3.7 (average voltage at 0.2C discharge)
Charging Voltage	4.20±0.05V
Max. Charging Current	4800 mA
Standard Charge (0.5C)	2400 MA (constant current) charge 4,20V, then 4,2V (constant voltage) for 3.5hr or 96mA (0.02C) cut off
Quick Charge(1.0C):	4800mA (constant current) charge to 4.20V, then 4.2V (constant voltage) for 3.0hr or 96mA (0.02C) cut off
Max. Continuous Discharge Current	9600 mA
Discharge Cut-off Voltage	2.75V

Cell Dimensions (Refer to the attached drawing)	
Thickness:	9.0±0.3 mm (Measured with weighing 300 gf at 25±2°C)
Width	55.0±0.5 mm (Measured With weighing 300 gf at 25±2°C)
Length	90.0±1mm (not including tab length)
Cell Weight	92.0±10.0g

Operating Temperature	
Discharge	-20° to +60°C
Charging	-0°C to +45°C
Storage	-20°C to +45°C (for less than 1 month) -20°C to +35°C (for less than 6 month)

Battery Drawing

