

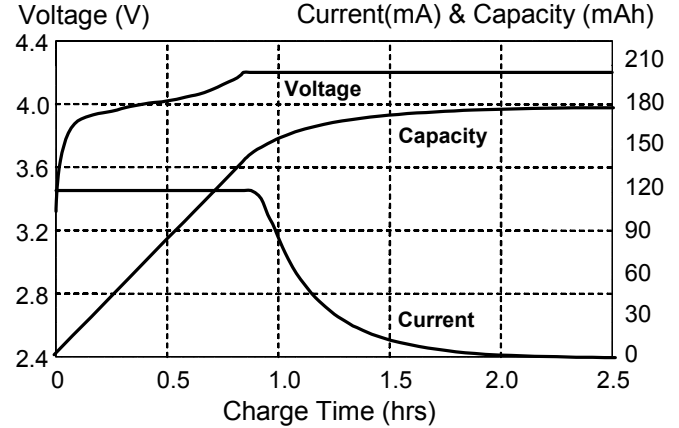
# GP Batteries

## Data Sheet

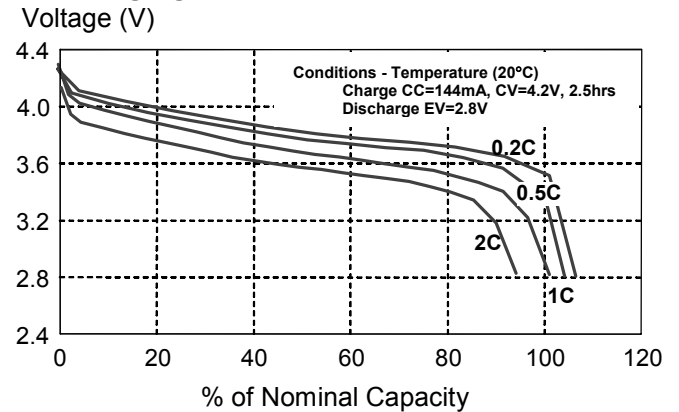
Model No.: GP1029L18

Type	: Rechargeable Lithium Ion Cylindrical Cell	
Nominal Dimension (with Sleeve)	: $\Phi = 10.5\text{mm}$ : $H = 29.0\text{mm}$	
Applications	: Recommended discharge current : 18 to 360mA	
Nominal Voltage	: 3.7V	
Capacity	: Nominal: 180mAh : Minimum: 170mAh when discharged at 36mA to 2.8V at 20°C	
Standard Charge	: 144mA to 4.2V for 2.5hrs at 20°C	
Recommended Charging Condition	: 108mA to 180mA (0.6 to 1.0C) : charge termination control parameters: : taper current 0.05C at 4.2V	
Service Life	: 500 cycles (70% of nominal capacity)	
Weight	: Approx. 5.5g	
Internal Resistance	: 150m $\Omega$ max. at 1000Hz	
Charging Voltage	: 4.20V	
Ambient Temperature Range	Charging	: 0 to 45°C
	Discharging	: -30 to 60°C
	Storage	: -30 to 45°C

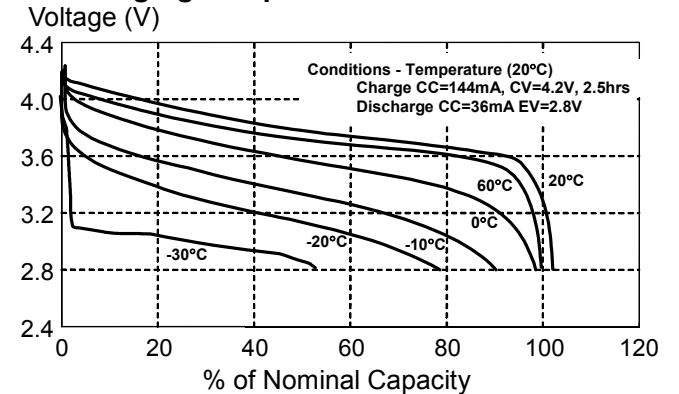
### Charging Characteristics



### Discharging Characteristics



### Discharging Temperature Characteristics



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