

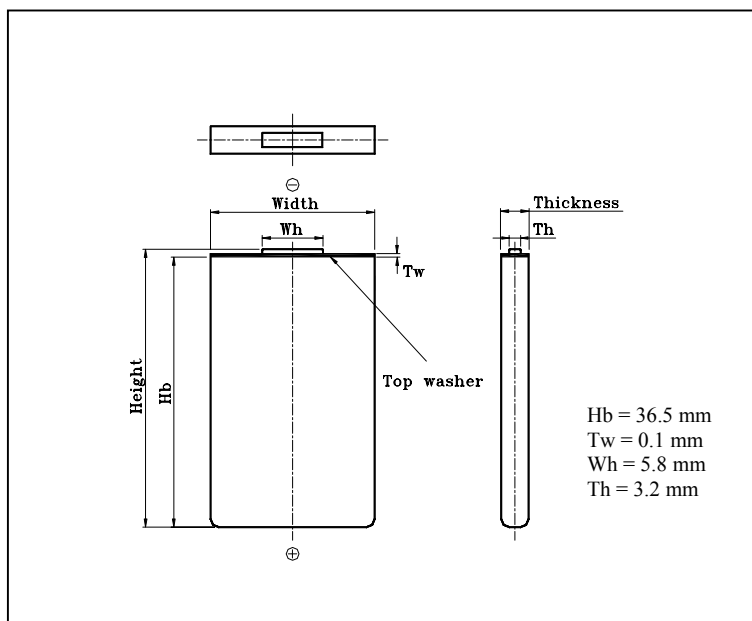
# GP Batteries

## Data Sheet

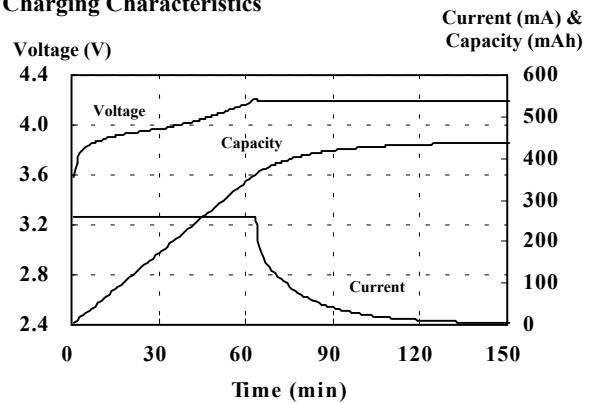
Model No.: GP582237L43

Type	: Rechargeable Lithium Ion Prismatic Cell
Nominal Dimension (without Label)	: Width = max. 22.0mm Height = max. 37.1mm Thickness (shipment) = 6.3mm * Thickness (cycled) = 6.4mm **
Nominal Voltage	: 3.7V
Capacity	: Typical: 430mAh (at 20°C) Minimum: 400mAh
Standard Charge	: 258mA to 4.2V for 2.5hrs at 20°C
Maximum Charging Voltage	: 4.20V
Standard Discharge	: 86 to 430mA to 2.8V
Service Life	: 300 cycles (70% of initial capacity)
Weight	: Approx. 13g
Internal Resistance	: 120mΩ max. at 1000Hz
Ambient Temperature Range	: Charging : 0 to 45°C Discharging : -30 to 60°C Storage : -30 to 45°C

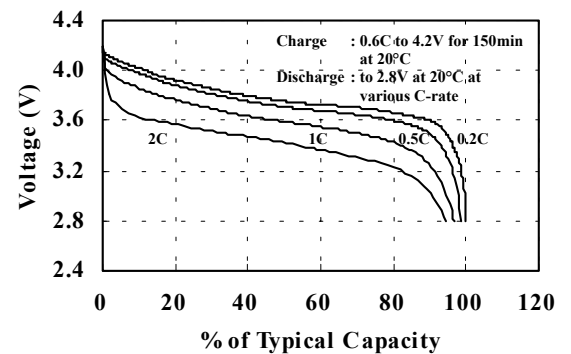
Note: \* The "Thickness (shipment)" is the maximum value without tube of the standard shipment charging condition (30% state of charge).  
\*\* The "Thickness (cycled)" is the maximum value without tube after cycling for 300 cycles and is for reference only.



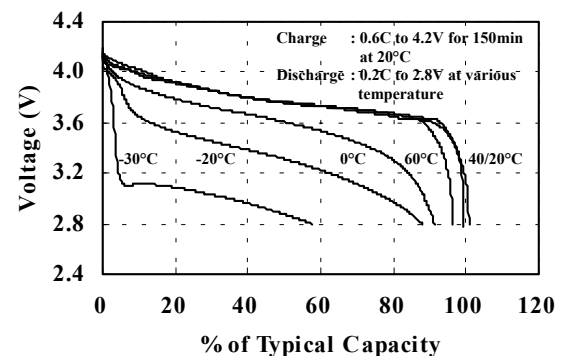
### Charging Characteristics



### Discharging Characteristics



### Discharge Temperature Characteristics



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