

GP Batteries

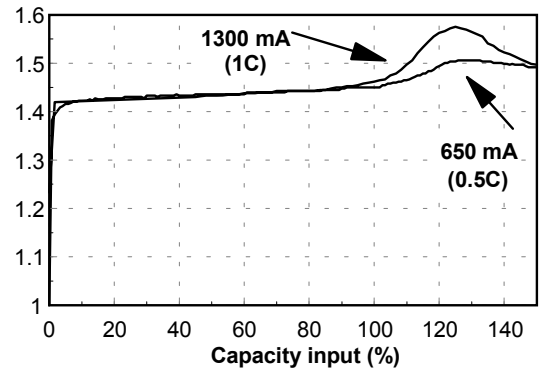
Data Sheet

Model No.: GP130SCK

Type	: Rechargeable Nickel Cadmium Cylindrical Cell	
Nominal Dimension (with Sleeve)	: $\varnothing = 23.0\text{mm}$ H = 43.0mm	
Application	: Discharge current 130mA to 30A (Continuous)	
Nominal Voltage	: 1.2V	
Nominal Capacity	: Minimum : 1300mAh Typical : 1430mAh when discharged at 260mA to 1.0V at 20°C	
Charging Condition	: 130mA for 16 hrs at 20°C	
Fast Charge	: 650mA to 1300mA (0.5C to 1C) with charge termination control. Recommended control parameter : - ΔV : 10-20mV Timer : 120% nominal input (Secondary)	
Service Life	: >500 cycles (IEC standard & 80% of initial under 10A discharge)	
Continuous Overcharge	: 130mA maximum current for 1 year No conspicuous deformation and/or leakage	
Weight	: 44.5g	
Internal Resistance	: Average 7m Ω upon fully charged (Range : 5-9m Ω) at 1000Hz	
Max. Charging Voltage	: 1.5V at 130mA charging	
Ambient Temperature Range	Standard Charging	: 0°C to 40°C
	Fast Charging	: 10°C to 40°C
	Discharging	: -20°C to 50°C
	Storage	: -20°C to 35°C
	Storage (1 week)	: -20°C to 60°C

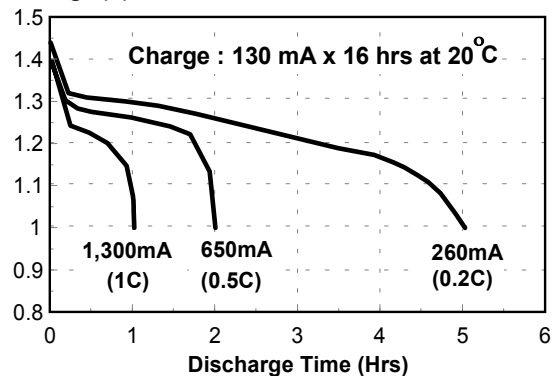
Fast Charge (Charge Control required)

Voltage (V)



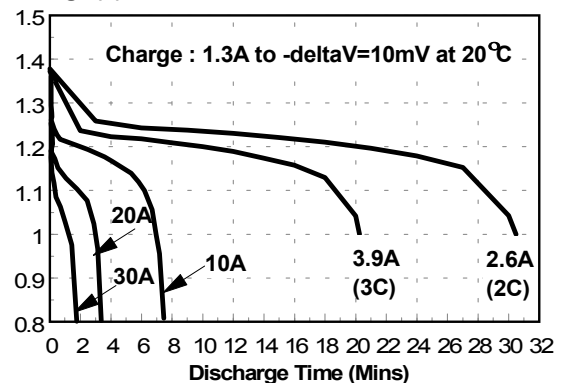
Low Rate Discharge

Voltage (V)



High Rate Discharge

Voltage (V)



*The information (subject to change without prior notice) contained in this document is for reference only and should not be used as a basis for product guarantee or warranty. For application other than those described here, please consult GP Sales and Marketing Office or Distributors.

