

DATA SHEET

: Rechargeable Nickel Metal **Type** Hydride Cylindrical Cell

Nominal Dimension $\Phi = 23.0$ mm (with Sleeve) H = 43.0 mm

Applications : Recommended discharge current

330mA to 30A

Nominal Voltage : 1.2V

Nominal: 3300mAh Capacity Minimum: 3300mAh Typical: 3430mAh

When discharged at 660mA to

1.0V at 20°C

Charging Condition

Fast Charge

: 1650mA to 3300mA (0.5 to 1C)

charge termination control recommended

control parameters:

 $-\Delta V$: 0-5mV

DT/dt : 0.8°C/min (0.5 to 0.9C)

0.8 - 1°C/min (1C)

TCO :45 - 50°C

Timer : 105% nominal input

(for ref. only)

Service Life : >500 cycles (IEC standard)

Continuous 330mA maximum current for 1 year. Overcharge

No conspicuous deformation and/or

Leakage

Weight : 62.0g

Internal Resistance : Average $6m\Omega$ upon fully charged

(Range 5-8m Ω) at 1000Hz

Max. Charging Voltage **Ambient Temperature**

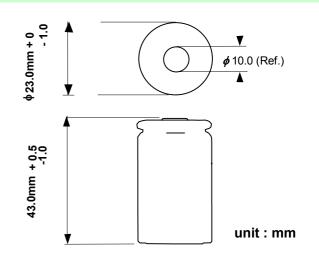
Range

: 1.5V at 330mA charging Standard Charge : 0 to 40°C Fast Charging : 10 to 40°C

Discharge : -20 to 50°C Storage : -20 to 35°C

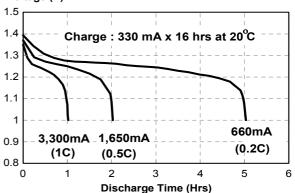
Storage (1week): -20 to 60°C

Model No · GP330SCH

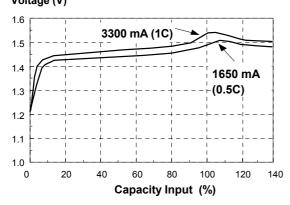


Low Rate Discharge

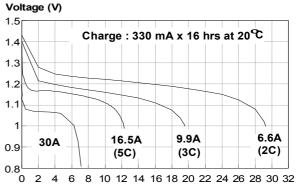
Voltage (V)



Fast Charge (Charge Control required) Voltage (V)



High Rate Discharge



Discharge Time (Mins)

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www.gpbatteries.com.hk

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