

DATA SHEET

Type : Rechargeable Nickel Metal Hydride Cylindrical Cell

Nominal Dimension : Φ = 14.5mm (with Sleeve) : H = 49.5mm Applications : Recommend

: Recommended discharge current

240 to 7200mA

Nominal Voltage : 1.2V

Capacity : Nominal: 2400mAh Minimum: 2400mAh

Typical: 2450mAh

When discharged at 480mA to

1.0V at 20°C

Charging Condition

Fast Charge

: 240mA for 16 hrs at 20°C
: 1200mA to 2400mA (0.5 to 1C) charge termination control

recommended control parameters:

-∆V : 0-5mV

DT/dt $: 0.8^{\circ}$ C/min (0.5 to 0.9C)

0.8 - 1°C/min (1C)

TCO : 45 - 50°C

: 100% nominal input

(for ref. only)

Service Life : >500 cycles (IEC standard)

Continuous : 240mA maximum current for 1 year.
Overcharge No conspicuous deformation and/or

leakage

Timer

Weight : 32.0g

Internal Resistance : Average $20m\Omega$ upon fully charged (Range $14 - 28m\Omega$) at 1000Hz

Max. Charging : 1.5V at 240mA charging

Voltage

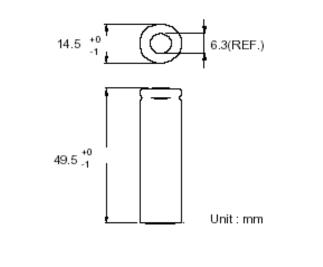
Ambient Temperature

Range

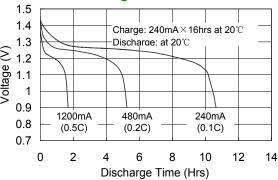
: Standard Charge : 0 to 45℃ Fast Charging : 10 to 45℃ Discharge : -20 to 50℃

Storage : -20 to 35°C

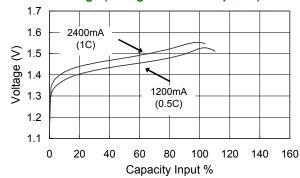
Model No.: GP240AAH



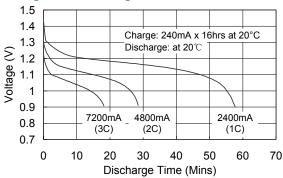
Low Rate Discharge



Fast Charge (Charge Control Required)



High Rate Discharge



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www.gpbatteries.com.hk

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