

DATA SHEET

Type : Rechargeable Nickel Metal Hydride Cylindrical Cell

 $\begin{array}{ll} \textbf{Nominal Dimension} & : \Phi = 17.0 \text{mm} \\ \textbf{(with Sleeve)} & H = 50.0 \text{mm} \\ \end{array}$

Applications : Recommended discharge current

270 to 8100mA

Nominal Voltage : 1.2V

Capacity : Nominal:2700mAh

Minimum: 2600mAh Typical: 2700mAh

When discharged at 540mA to

1.0V at 20 $^{\circ}\mathrm{C}$

Charging Condition : 270mA for 16 hrs at 20 $^{\circ}$ C

Fast Charge : 1350mA to 2700mA (0.5 to 1C)

charge termination control recommended

control parameters: $-\Delta V$: 0-5mV

DT/dt : 0.8℃/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 61951-2)
Continuous : 270mA maximum current for

Continuous : 270mA maximum current for 1 year.

Overcharge No conspicuous deformation and/or

leakage

Weight : 39.5g

Internal Resistance : Average $13m\Omega$ upon fully charged

(Range 8 - $20m\Omega$) at 1000Hz

Max. Charging

Voltage

Ambient Temperature

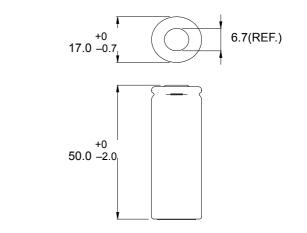
Range

: Standard Charge :0 to 45℃ Fast Charging :10 to 45℃

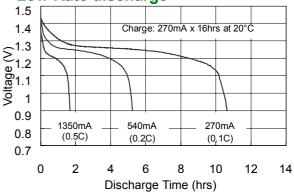
Discharge :-20 to 50°C Storage : -20 to 35°C

: 1.5V at 270mA charging

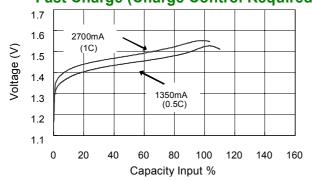
Model No.: GP270AFH



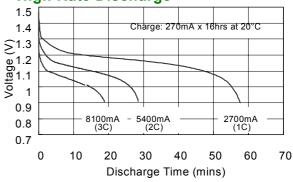




Fast Charge (Charge Control Required)



High Rate Discharge



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www.gpbatteries.com.hk

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