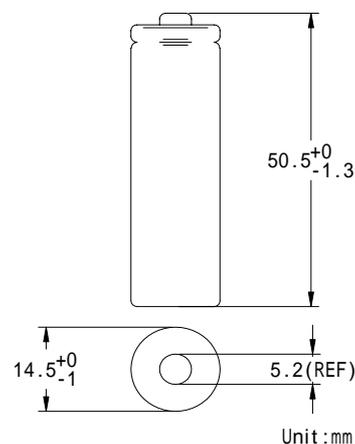
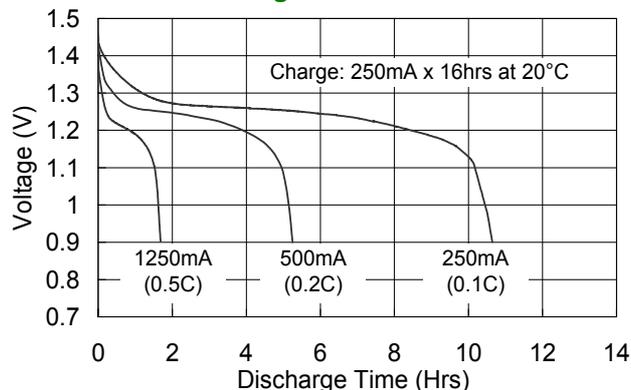


### Model No.: GP270AAHC

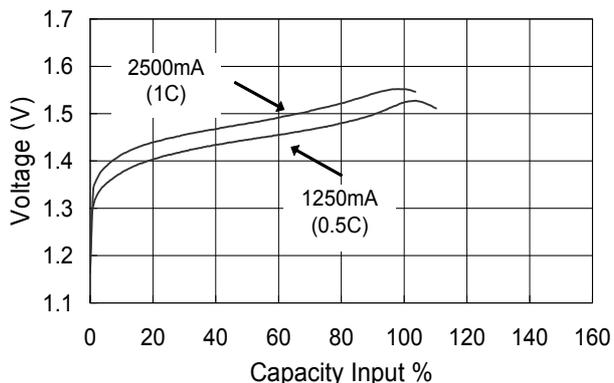
|  |   |
|--|---|
| <b>Type</b>                            | Rechargeable Nickel Metal Hydride Cylindrical Cell  |
| <b>Nominal Dimension (with Sleeve)</b> | Φ = 14.5mm<br>H = 50.5mm  |
| <b>Applications</b>                    | Recommended discharge current<br>250 to 7500mA  |
| <b>Nominal Voltage</b>                 | 1.2V  |
| <b>Capacity</b>                        | Nominal: 2500mAh<br>Minimum: 2500mAh<br>Typical: 2600mAh<br>When discharged at 500mA to 1.0V at 20  |
| <b>Charging Condition</b>              | 250mA for 16 hrs at 20  |
| <b>Fast Charge</b>                     | 1250mA to 2500mA (0.5 to 1C)<br>charge termination control<br>recommended control parameters:<br>- V : 0-5mV<br>DT/dt : 0.8 /min (0.5 to 0.9C)<br>0.8 - 1 /min (1C)<br>TCO : 45 - 50<br>Timer : 100% nominal input<br>(for ref. only) |
| <b>Service Life</b>                    | >500 cycles (IEC standard)  |
| <b>Continuous Overcharge</b>           | 250mA maximum current for 1 year.<br>No conspicuous deformation and/or leakage  |
| <b>Weight</b>                          | 31.5g   |
| <b>Internal Resistance</b>             | Average 18mΩ upon fully charged<br>(Range 14 - 28mΩ) at 1000Hz  |
| <b>Max. Charging Voltage</b>           | 1.5V at 250mA charging  |
| <b>Ambient Temperature Range</b>       | Standard Charge : 0 to 45<br>Fast Charging : 10 to 45<br>Discharge : -20 to 50<br>Storage : -20 to 35   |



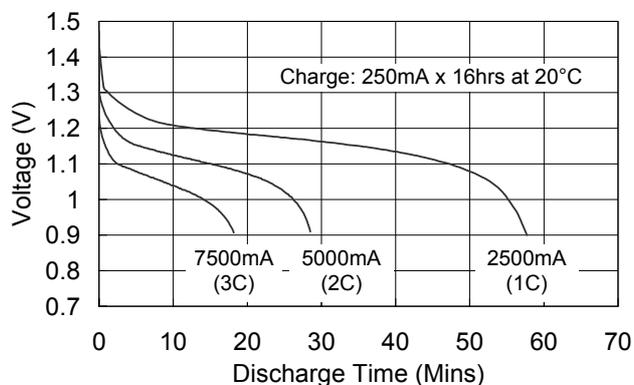
### Low Rate Discharge



### Fast Charge (Charge Control Required)



### High Rate Discharge



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