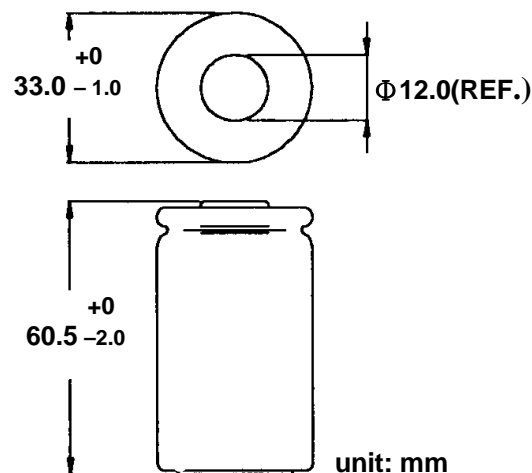
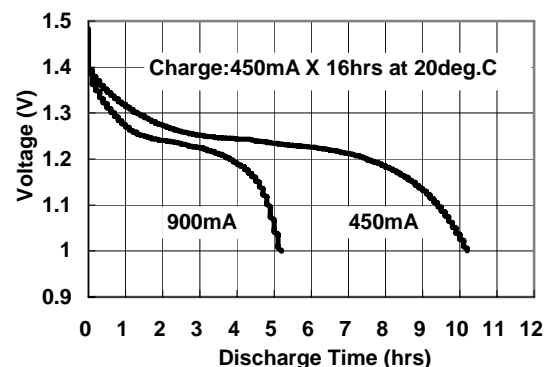


### Model No.: GP450DHT

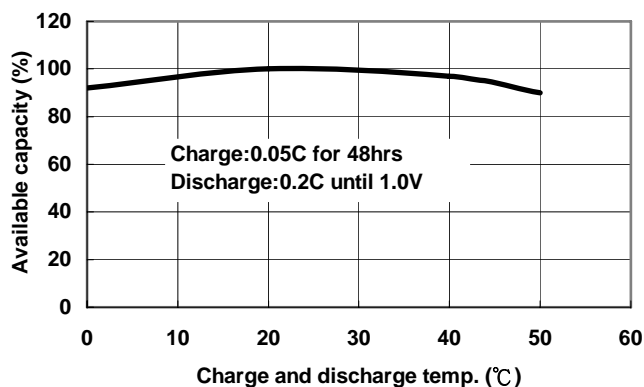
<b>Type</b>	: High Temperature Rechargeable Nickel Metal Hydride Cylindrical Cell
<b>Nominal Dimension (with Sleeve)</b>	: $\Phi = 33.0\text{mm}$ H = 60.5mm
<b>Applications</b>	: Long term standby use. Recommended discharge current: 450mA to 2250mA
<b>Nominal Voltage</b>	: 1.2V
<b>Capacity</b>	: Nominal: 4500mAh Minimum: 4500mAh Typical: 4725mAh When discharged at 900mA to 1.0V at 20°C
<b>Charging Condition</b>	: Standard mode: 450mA for 16 hrs at 20°C Standby intermittent mode: 450mA for 16 hrs at 20°C then maintenance with 450mA for 1min/10mins.
<b>Service Life</b>	: >350 cycles (IEC 61951-2)
<b>Continuous</b>	: Comply with IEC 61951-2
<b>Overcharge</b>	Permanent Charge Endurance Test
<b>Weight</b>	: 112.0g
<b>Internal Resistance</b>	: Average 13 m $\Omega$ upon fully charged (Range 8-18 m $\Omega$ ) at 1000Hz
<b>Max. Charging Voltage</b>	: 1.5V at 450mA charging
<b>Ambient Temperature Range</b>	: Charge: 0 to 50°C Discharging: -20 to 70°C Storage: -20 to 35°C Storage (1 week): -20 to 60°C



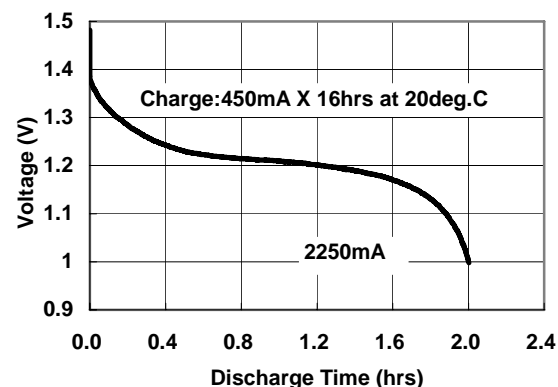
#### Low Rate Discharge



#### Charge / Discharge efficiency Vs. temp.



#### High Rate Discharge



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