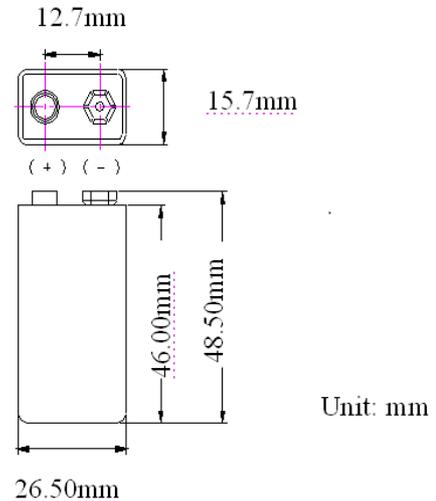
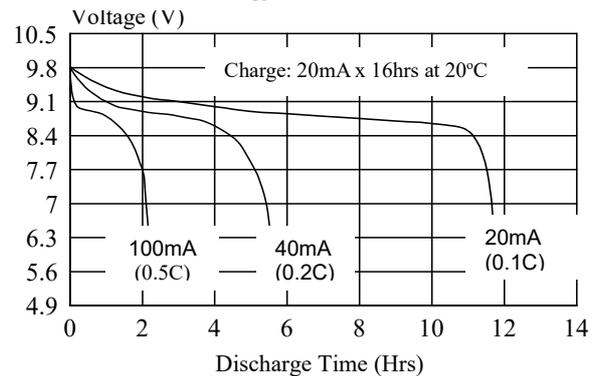


<b>Type</b>	: Rechargeable Nickel Metal Hydride Cylindrical Cell
<b>Nominal Dimension (with Sleeve)</b>	: 15.7mm(l) x 26.5mm(w) x 48.5mm(h)
<b>Applications</b>	: Recommended discharge current 20 to 600mA
<b>Nominal Voltage</b>	: 8.4V
<b>Capacity</b>	: Typical: 210mAh Rated: 200mAh When discharged at 40mA to 7.0V at 20°C
<b>Charging Condition</b>	: 20mA for 16 hrs at 20°C
<b>Charging Retention</b>	: 80% of rated capacity after cell storage at 20°C for 12 months When discharged at 40mA to 7.0V at 20°C
<b>Fast Charge</b>	: 100mA to 200mA (0.5 to 1C) charge termination control recommended control parameters: -ΔV : 0-35mV 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)
<b>Service Life</b>	: >500cycles (IEC61951-2(2017) 7.5.1.2) >200cycles (IEC61951-2(2017) 7.5.1.4)
<b>Continuous Overcharge</b>	: 20mA maximum current for 1 year. No conspicuous deformation and/or leakage
<b>Weight</b>	: 42.5g
<b>Internal Resistance</b>	: Maximum 1300mΩ upon fully charged at 1000Hz
<b>Max. Charging Voltage</b>	: 10.5V at 20mA charging
<b>Ambient Temperature Range</b>	: Standard Charge : 0 to 45°C Fast Charging : 10 to 45°C Discharge : -20 to 50°C Storage : -20 to 35°C

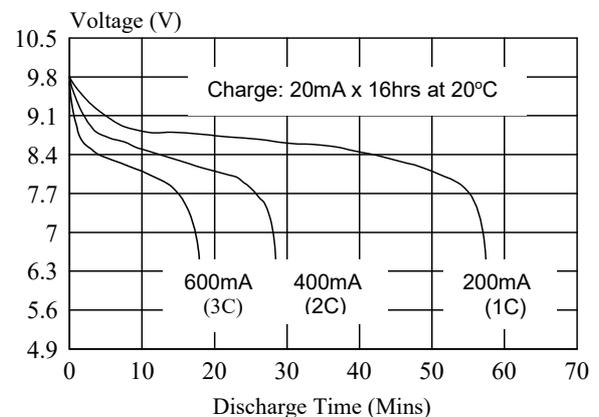
Model No.: **GP20R8H**



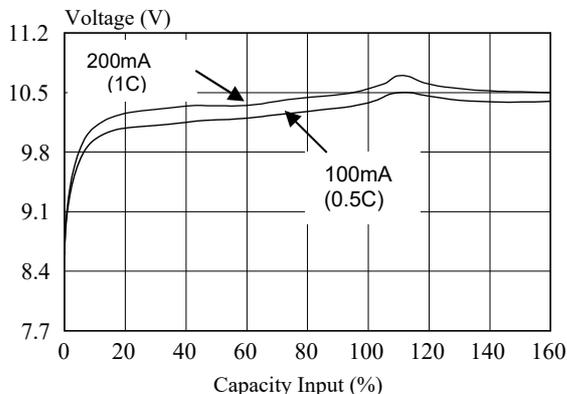
### Low Rate Discharge



### High Rate Discharge



### Fast Charge (Charge control required)



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