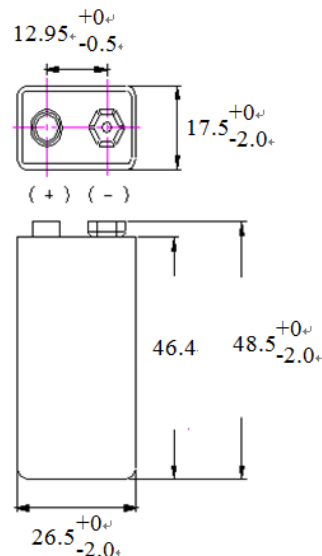


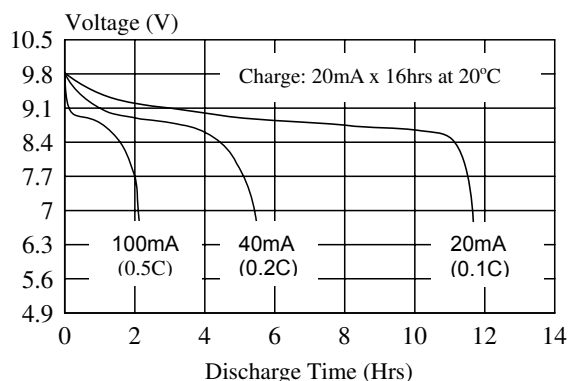
Model No.: GP20R8HR

Type	: Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (with Sleeve)	: 17.5mm(l) x 26.5mm(w) x 48.5mm(h)
Applications	: Recommended discharge current 20 to 600mA
Nominal Voltage	: 8.4V
Capacity	: Rated: 200mAh Typical: 210mAh When discharged at 40mA to 7.0V at 20°C
Charging Condition	: 20mA for 16 hrs at 20°C
Charging Retention	: 80% of rated capacity after cell storage at 20°C for 12months When discharged at 40mA to 7.0V at 20°C
Fast Charge	: 100mA to 200mA (0.5 to 1C) charge termination control recommended control parameters: -ΔV : 0-5mV **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)
Service Life	: >1000 cycles (IEC standard)
Continuous Overcharge	: 20mA maximum current for 1 year. No conspicuous deformation and/or leakage
Weight	: 42.5g
Internal Resistance	: Maximum 1300mΩ upon fully charged at 1000Hz
Max. Charging Voltage	: 10.5V at 20mA charging
Ambient Temperature Range	: Standard Charge : 0 to 45°C Fast Charging : 10 to 45°C Discharge : -20 to 50°C Storage : -20 to 35°C

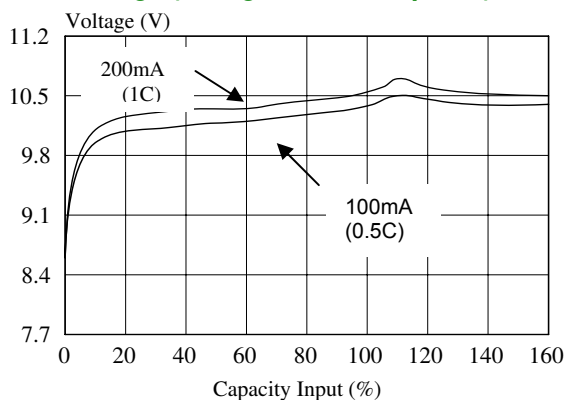


Unit: mm

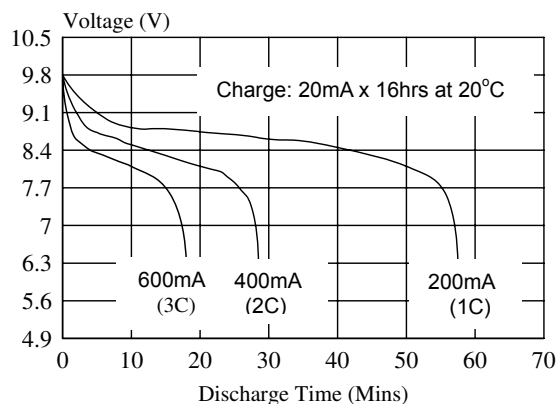
Low Rate Discharge



Fast Charge (Charge control required)



High Rate Discharge



The information (subject to change without prior notice) contained in this document is for reference only and should not be used as a basis for product guarantee or warranty. For applications other than those described here, please consult your nearest GP Sales and Marketing Office or Distributors