

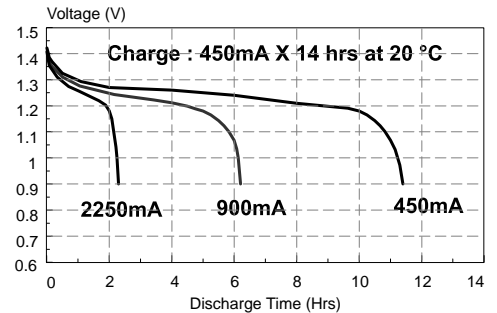
# GP Batteries

## Data Sheet

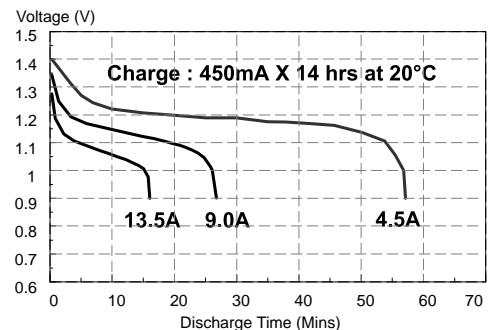
Model No.: GP450DKT

Type	: Rechargeable Nickel Cadmium Cylindrical Cell
Nominal Dimension (with sleeve)	: $\phi = 33.0$ mm H = 61.5 mm
Application	: Recommended discharge current 450 mA to 13.5 A
Nominal Voltage	: 1.2 V
Nominal Capacity	: 4500mAh when discharged at 900mA to 1.0V at 20°C
Charging Condition	: 450 mA for 14 hours at 20°C
Service Life	: 400 Cycles (IEC standard)
Continuous Overcharge	: Comply with IEC 285 Permanent Charge Endurance Test
Weight	: 125 g
Internal Resistance	: Average 10 m $\Omega$ upon fully charged
Max. Charging Voltage	: 1.5 V at 450 mA charging
Temperature Range	: Charging : 0°C to 70°C Discharge : -20°C to 70°C Storage : -20°C to 35°C

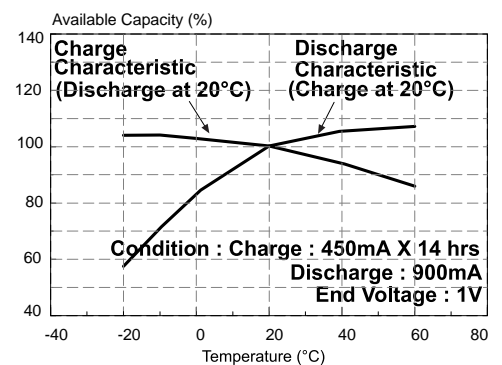
### Low Rate Discharge



### High Rate Discharge



### Charge / discharge efficiency vs. temperature



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