

GP Batteries

GP75AAH - Data Sheet

Type	Rechargeable Nickel Metal Hydride NiMH - Standard Series
Model	GP75AAH
Nominal Voltage	1.2V
Size	AA
Nominal Dimension (with sleeve)	Diameter = 14.50mm Height = 28.70mm
Capacity	Minimum : 750mAh Typical : 770mAh When discharged at 150mA to 1.0V at 20°C
Charging Condition	75mA for 16 hrs at 20°C
Fast Charge	375mA to 750mA (0.5 to 1C) charge termination control Recommended control parameters: - delta V : 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	>500 cycles (IEC standard)
Continuous Overcharge	75mA maximum current for 1 year. No conspicuous deformation and/or leakage
Internal Resistance	Average 35 mOhms upon fully charged (Max. 45 mOhms) at 1000Hz
Max. Charging Voltage	1.5V at 75mA charging
Weight	15g
Temperature Range	Discharge : -20 to 50 °C Storage : -20 to 35 °C Fast Charging : 10 to 45°C