

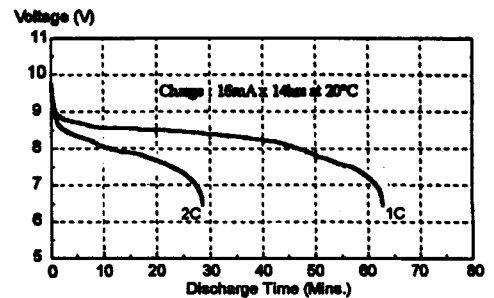
# GP Batteries

Data Sheet

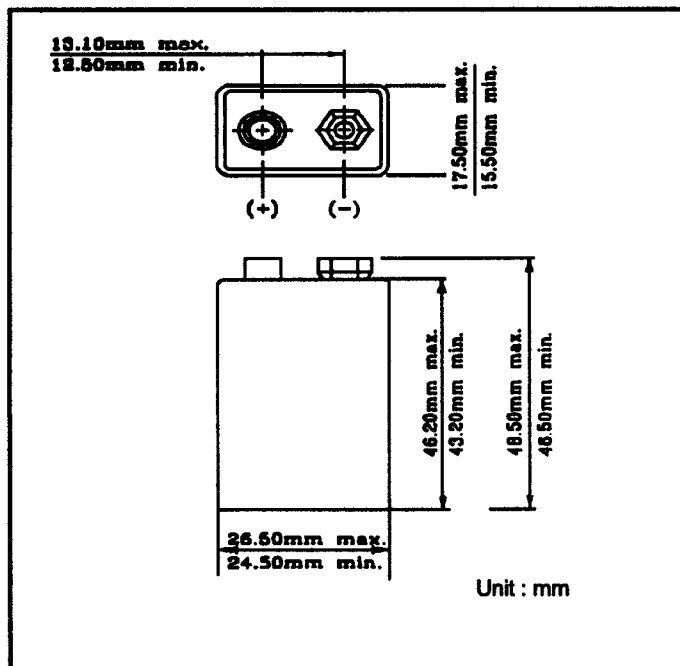
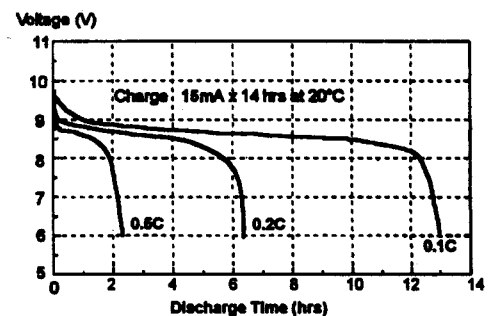
Model No.: 15F8K

Type	: High Voltage Nickel Cadmium Rechargeable Battery	
Nominal Dimension	: 17.5mm X 26.5mm X 48.5mm	
Application	: Portable electrical equipment, toys, security system, etc.	
Nominal Voltage	: 8.4V	
Nominal Capacity	: 150mAh when discharged at 30mA to 7.0V at 20°C	
Charging Condition	: 15mA for 14 hrs at 20°C	
Service Life	: 400 cycles Up to 1000 cycles (not less than 60% of nominal at 0.1C charge / 0.2C discharge)	
Continuous Overcharge	: Continuous charging current 15mA permissible for 1 year. Continuous charging current 1.5mA, no time limit	
Weight	: 42.0g	
Internal Resistance	: Under 3Ω upon fully charged	
Charge Retention	: 90mAh after 28 days storage at 20°C	
Max. Charging Voltage	: 10.5V	
Temperature Range	Charging	: -10°C to 30°C
	Discharging	: -20°C to 40°C
	Storage	: -20°C to 60°C (<1week) 0°C to 35°C

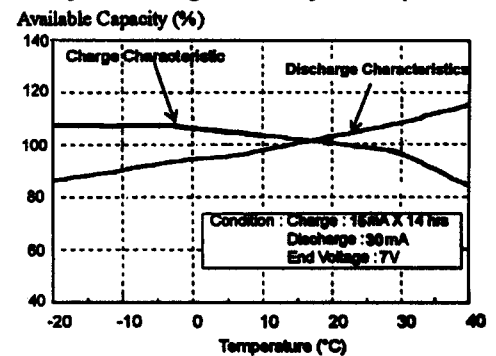
Discharge (At High Rate)



Discharge (At Low Rate)



Charge / discharge efficiency vs. temperature



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Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.

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