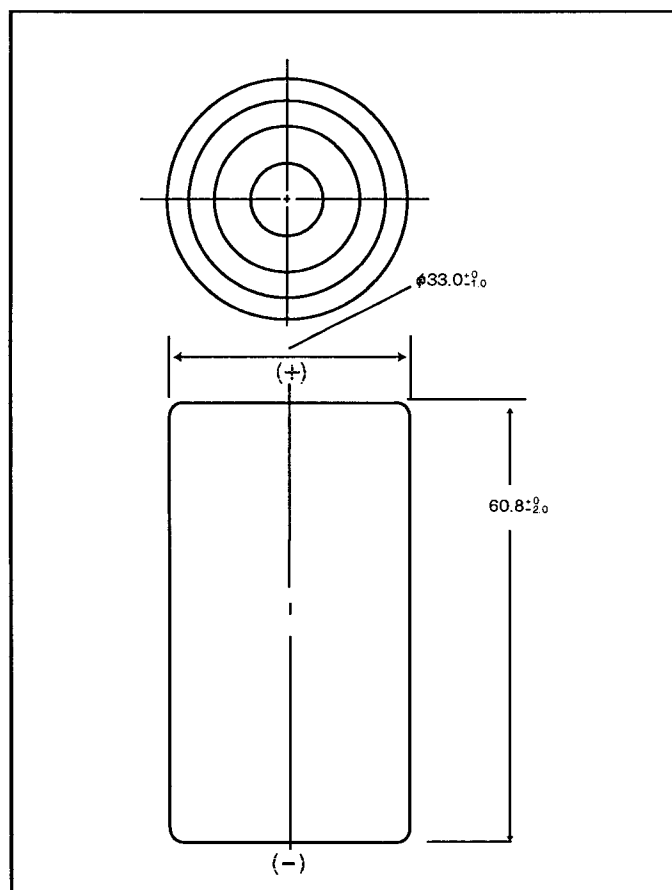


NICKEL METAL HYDRIDE BATTERIES: INDIVIDUAL DATA SHEET

HHR650D Cylindrical D size

Dimensions (with Tube) (mm)



Specifications

	mm	inch
Diameter	33.0 +0 / -1.0	1.3 +0 / -0.04
Height	60.8 +0 / -2.0	2.39 +0 / -0.08
Approximate Weight	Grams	Ounces
	170g	6.0

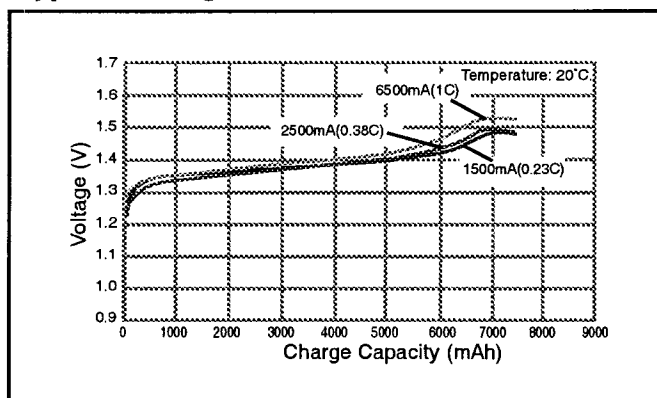
Nominal Voltage		1.2V	
Discharge Capacity*	Average**	6800mAh	
	Rated (Min.)	6500mAh	
Approx. Internal impedance at 1000Hz at charged state.		2mΩ	
Charge	Standard	650mA (0.1C) x 16hrs.	
	Rapid	6500mA (1C) x 1.2hrs.	
Ambient Temperature	Charge	Standard	°C
			°F
	Rapid	0°C to 45°C	32°F to 113°F
		0°C to 40°C	32°F to 104°F
	Discharge		-10°C to 65°C 14°F to 149°F
	Storage	< 2 years	-20°C to 35°C -4°F to 95°F
		< 6 months	-20°C to 45°C -4°F to 113°F

* After charging at 0.1C for 16 hours, discharging at 0.2C.

** For reference only.

Battery performance and cycle life are strongly affected by how they are used. In order to maximize battery safety, please consult Panasonic when determining charge / discharge specs, warning label contents and unit design.

Typical Charge Characteristics



Typical Discharge Characteristics

