HHR650D Cylindrical D size (HR 33/62)



Specifications

			mm	inch
Diameter		33.0+0/-0.1	1.3+0/-0.04	
Height			61.0+0/-1.5	2.39+0/-0.08
Approximate Weight		Grams	Ounces	
		170	6.0	
Nominal Voltage			1.2V	
Discharge Capacity*		Average**	6800 mAh	
		Rated (Min.)	6500 mAh	
Approx. Internal impedance at 1000Hz at charged state.			2mΩ	
Charge		Standard	650mA (0.1lt) x 16hrs.	
		Rapid	6500mA (1lt) x 1.2 hrs.	
Ambient Temperature	Charge	Standard	°C	°F
			0°C to 45°C	32°F to 113°F
		Rapid	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 45°C	-4°F to 113°F
		< 6 months	-20°C to 55°C	-4°F to 131°F

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

- Note: [It] was previously expressed as [C]. [It] is an IEC standard expression for the amount of charge or discharge current and is expressed as: It(A) = Cn (Ah)/1h.
 - [It] is the reference test current in ampres
 - [Cn] is the rated capacity of the cell or battery in Ampere-hours. n = the time base [hours] for which the rated capacity is declared

Typical Charge Characteristics



Typical Discharge Characteristics



