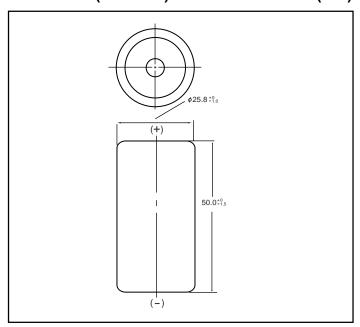
## **NICKEL CADMIUM BATTERIES: INDIVIDUAL DATA SHEET**

# **P-280CR** C size (KR26/50) Type: R

#### **Dimensions (with tube)**

(mm)



# **Specifications**

	mm	inch
Diameter	25.8 +0/-1.0	1.02 +0/-0.04
Height	50.0 +0/-1.5	1.97 +0/-0.06
Approximate	Grams	Ounces
Weight	79g	2.79

Nominal Voltage		1.2V		
Discharge Capacity*		Average**	3000mAh	
		Rated (Min.)	2800mAh	
Approx. Internal impedance at 1000Hz at charged state			4m $\Omega$	
Charge Standard Rapid***		280mA (0.1lt) x 16 hrs.		
		200mA (0.33lt) x 4.5 hrs.		
Ambient	Charge	Standard	°C	°F
			0°C to 45°C	32°F to 113°F
		Rapid	10°C to 40°C	50°F to 104°F
	Discharge		-20°C to 65°C	-4°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

- \* 0.2It discharge capacity after charging at 0.1It for 16 hours.
- \*\* For reference only.
- \*\*\* Refer to "Charge Methods for Ni-Cd Batteries"

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.

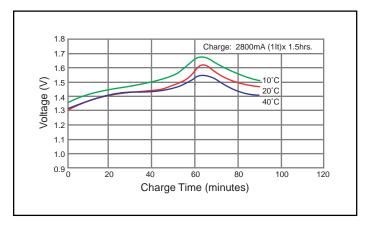
Note: [It] was previously expressed as [C]. [It] is an IEC standard expression for the amount of charge or discharge current and is expressed as:

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**

