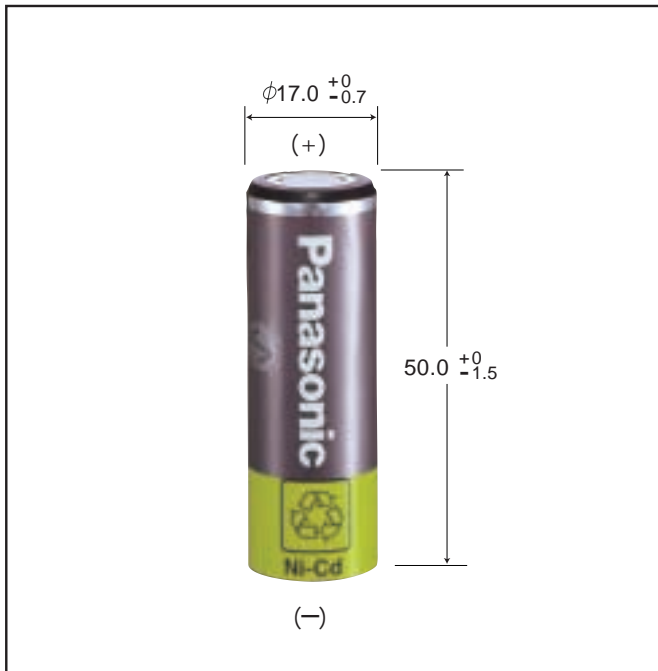


# INDIVIDUAL DATA SHEETS

## P-140AS A size (KR17/50) Type: S

Dimensions (with tube) (mm)



### Specifications

Diameter	17.0 +0 / -0.7 mm
Height	50.0 +0 / -1.5 mm
Approximate Weight	32g

Nominal Voltage		1.2V	
Discharge Capacity*	Average**	1530mAh	
	Rated (Min.)	1400mAh	
Approx. Internal impedance at 1000Hz at charged state.		14mΩ	
Charge	Standard	140mA (0.1C)x 16hrs.	
	Rapid***	1400mA (1C)x 1.5hrs.	
Ambient Temperature	Charge	Standard	0°C to 45°C
		Rapid	10°C to 40°C
	Discharge	-20°C to 65°C	
Storage	< 2 years	-20°C to 35°C	
	< 6 months	-20°C to 45°C	

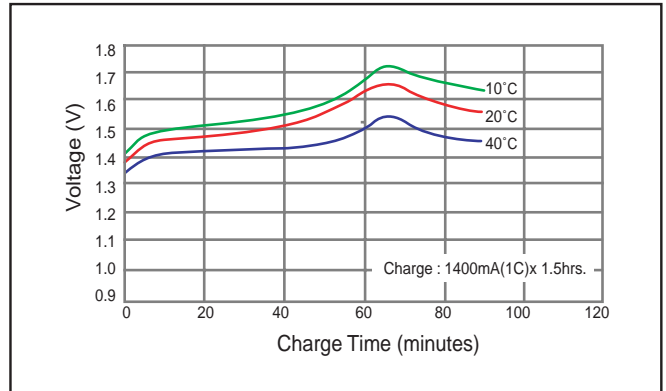
\* 0.2C discharge capacity after charging at 0.1C for 16 hours.

\*\* For reference only.

\*\*\* Refer to "Charge Methods for Ni-Cd Batteries" (pg 10).

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

