

## **Excellent Integrated System Limited**

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Panasonic - BSG](#)  
[P-120AAS/A2](#)

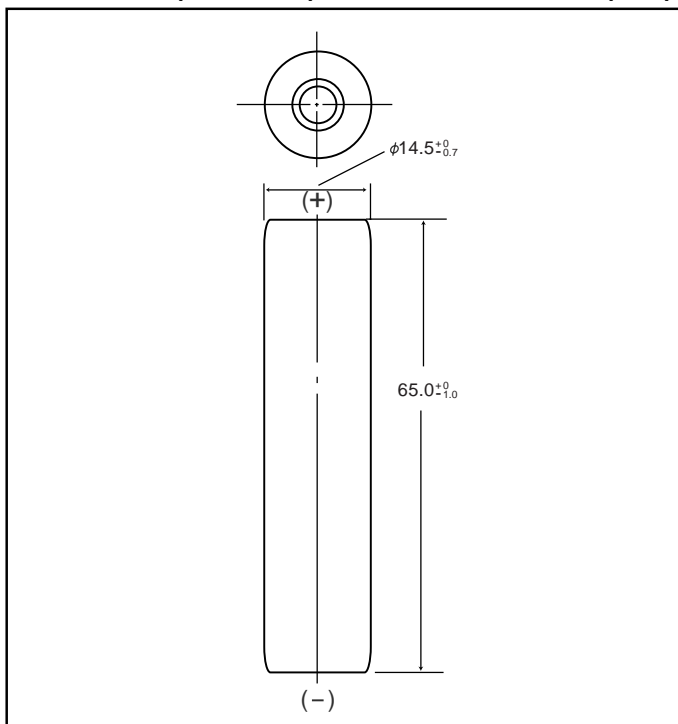
For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

## NICKEL CADMIUM BATTERIES: INDIVIDUAL DATA SHEET

### P-120AAS L-AA size Type: S

Dimensions (with tube) (mm)



### Specifications

	mm	inch
Diameter	14.5 +0/-0.7	0.57 +0/-0.03
Height	65.0 +0/-1.0	2.56 +0/-0.04
Approximate Weight	Grams	Ounces
	31g	1.09

Nominal Voltage		1.2V		
Discharge Capacity*	Average**	1280mAh		
	Rated (Min.)	1200mAh		
Approx. Internal impedance at 1000Hz at charged state		16mΩ		
Charge	Standard	120mA (0.1It) x 16 hrs.		
	Rapid***	1200mA (1It) x 1.5 hrs.		
Ambient Temperature	Charge	Standard	°C	
			°F	
		Standard	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.

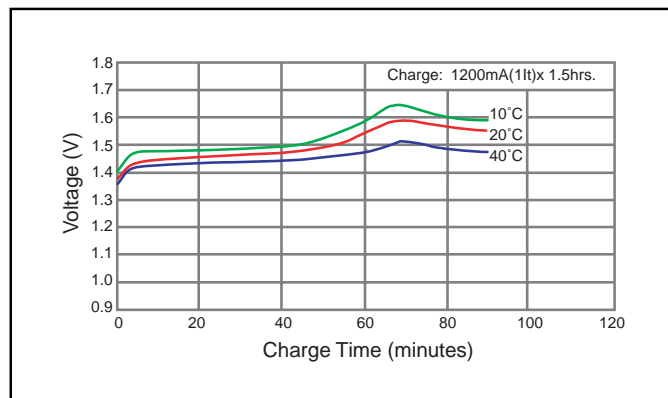
\*\*\* Refer to "Charge Methods for Ni-Cd Batteries"

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 amperes
- [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

