



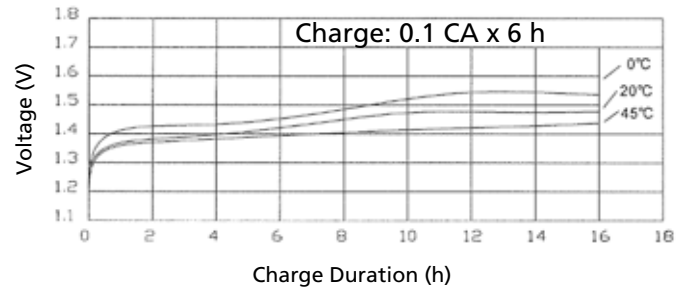
# X500NH

## Specifications of single cell

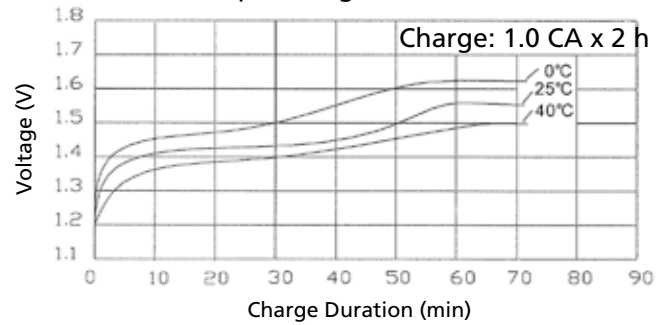
Type:	Sealed Ni-MH Cylindrical Battery cell
Model:	X500NH
Nominal Voltage:	1.2 V
Nominal Capacity (20°C, 0.2 CA discharge to 1.0 V):	500 mAh
Typical Capacity:	520 mAh
Minimum Capacity:	500 mAh
Typical Internal Impedance (at 1 kHz, fully charged at 20°C max.)	≤ 35 mΩ
Average Weight	9.8 g
Dimensions (including PVC tube) Height (h): Diameter (D):	29.0 <sup>-1.0</sup> mm 12.0 <sup>-0.5</sup> mm
Charging Method (20°C) Standard Charge: Quick Charge: Fast Charge:	Charge with 50 mA for 16 h Charge with 150 mA for 4.5 h Charge with 500 mA for 72 min (Under -Δ V controlled 10 mV/cell)
Max. Overcharge Current:	50 mA (No longer than 100 h)
Trickle Current:	15–25 mA
Operating Temperature (reference only) Storage: Discharge: Standard Charge: Fast Charge:	-20°C ~ +45°C -20°C ~ +65°C 0°C ~ +45°C +10°C ~ +45°C

### Typical characteristics

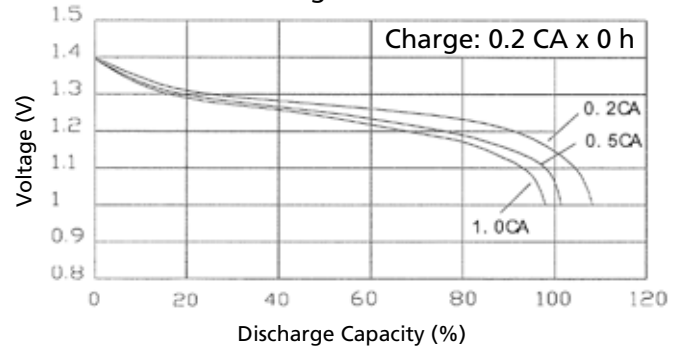
#### Standard charge characteristics



#### Rapid charge characteristics



#### Discharge characteristics



### Dimensions with tube

(unit mm)

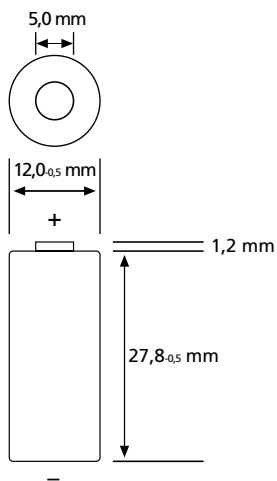


Illustration similar.