

H4/5AAA500 Cell (Industrial)

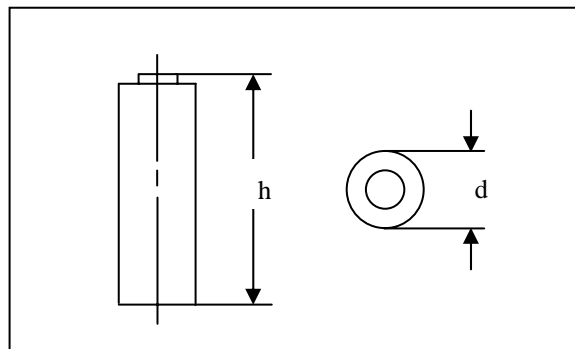
Data Sheet

NO: D0109

Sealed rechargeable Ni-MH cylindrical cell

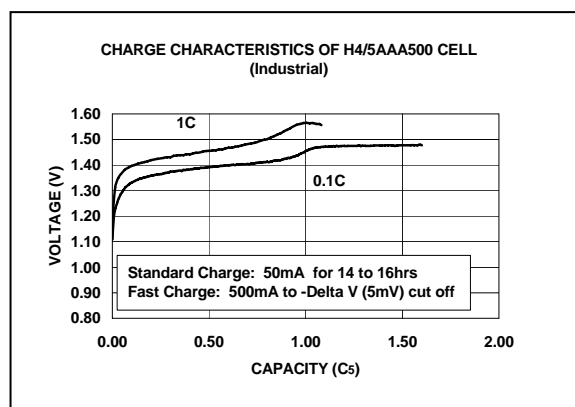
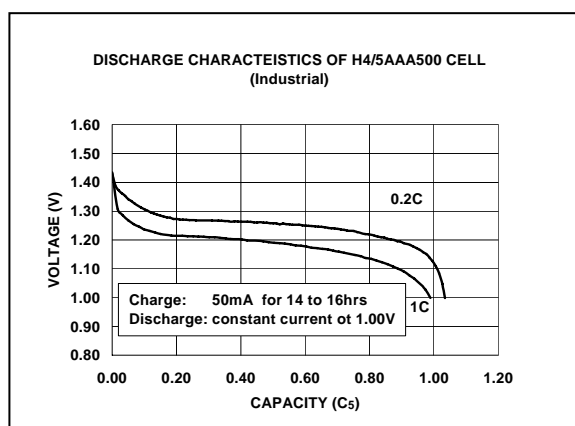
Cell Dimensions (shrink sleeve)

| | |
|--------------------|-------------|
| Diameter | 10.5/-0.7mm |
| Height | 38.0/-1.0mm |
| Approximate Weight | 10g |



Specifications

| | | | |
|---|-----------|--|---------------|
| Nominal Voltage | | 1.2V | |
| 0.2C Discharge Capacity* | Typical** | 525mAh | |
| | Nominal | 500mAh | |
| Typical Internal Impedance At 1kHz, fully charged, RT | | 30mOhm | |
| Charge | Standard | 50mA for 14 to 16hrs. | |
| | Fast*** | 500mA for 1.1 hrs. (-delta V or dT/dt controlled) | |
| Life Expectancy | | 500 cycles | |
| Operating Temperature | Charge | Standard | 0°C to 45°C |
| | | Fast*** | 10°C to 40°C |
| | Discharge | | -10°C to 50°C |
| | Storage | < 1 year | -20°C to 30°C |
| < 3 months | | -20°C to 45°C | |



* After charging for 14 to 16hrs. with 0.1 C

** Average capacity

*** 5mV or 1°C per min.

Subject to change without prior notice



JYH Battery Co. Ltd