

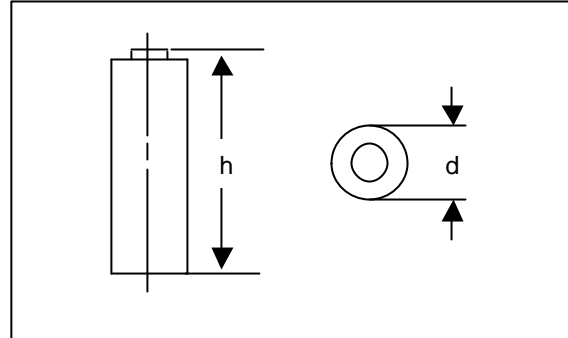


SC-3700UP Cell Datasheet

Sealed type rechargeable NiMH cylindrical cell

DIMENSIONS (with heatshrink)

| | |
|--------------------|--------------------------|
| Diameter | 22.4mm (+ 0.0 / - 0.5mm) |
| Height | 43.7mm (+ 0.0 / - 1.0mm) |
| Approximate Weight | 63.5g (+/- 1.0g) |



SPECIFICATIONS

| | | | |
|-------------------------------------------------------|-----------|------------------------------------------------------|---------------|
| Nominal Voltage | | 1.2V | |
| 0.2C Discharge Capacity* | minimum | 3500mAh | |
| | typical | 3700mAh | |
| Typical Internal Impedance at 1kHz, fully charged, RT | | 5m Ω (range: 3 - 5m Ω) | |
| Charge | Standard | 370mA for 14 to 16hr. | |
| | Fast | Up to 3700mA - ΔV or dT/dt controlled** | |
| Life Expectancy | | 500 cycles | |
| Operating Temperature | Charge | Standard | 0°C to 45°C |
| | | Fast | 10°C to 45°C |
| | Discharge | | -10°C to 50°C |
| | Storage | < 1 year | -20°C to 35°C |
| < 3 months | | -20°C to 45°C | |

* after charging for 14 to 16hrs. with 0.1 C
 ** 0.5mV or 1°C per min
 The information given is for reference only, and subject to change without prior notice



TYPICAL CHARACTERISTICS

