



DATA SHEET

CELL TYPE: CHT4000

Specification

| | | | | |
|-----------------------------|---------------------------------------------------------------------|---------------|------|-------------------------------------------------------------------------------------|
| Type | High Temperature Rechargeable Nickel Metal Hydride Cylindrical Cell | | | Discharge curve Voltage (V) |
| Nominal Voltage | | 1.2V | | |
| Capacity (mAh) | Rate | 0.2C | 0.5C | |
| | Nominal | 4000 | 3800 | |
| | Typical | 4100 | 3880 | |
| Approx Weight | | 80g | | |
| Internal Resistance (1 KHz) | | ≤18mΩ | | |
| Charge | Standard | 0.1C - 15h | | High Rate Discharge Voltage (V) |
| | Trickle | 0.03 - 0.50C | | |
| Operation Temperature | Standard Charge | 0°C - 50°C | | |
| | Trickle Charge | - 10°C - 70°C | | |
| | Discharge | - 20°C - 70°C | | |
| Storage Temperature | Within 6 months | - 20°C - 30°C | | |
| | Within 1 month | - 20°C - 40°C | | |
| | Within 1 week | - 20°C - 50°C | | |
| Service Life (IEC60285) | | ≥350 cycles | | |
| | | | | Charge / discharge efficiency vs. temp. Available Capacity (%) |

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.

The information contained in this document is for reference only and should not be used as a warranty.