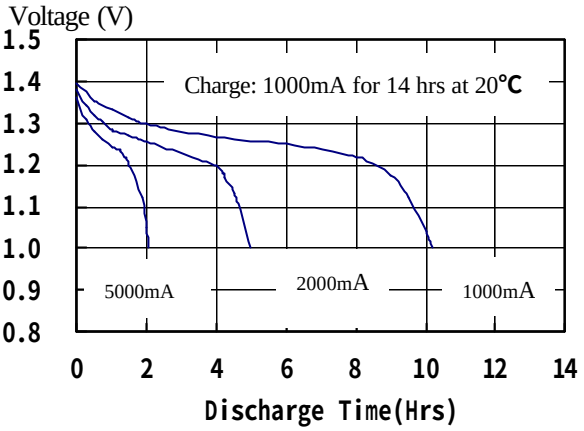
**C-POWER** **C-POWER BATTERY**

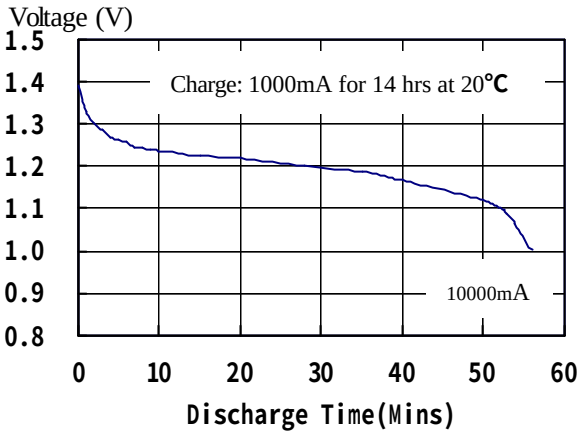
***Data Sheet*** ***Model No.: CPH-90F10000HT***

| | |
|---|---|
| Type | : High Temperature Rechargeable Nickel Metal Hydride Cylindrical Cell |
| Nominal Dimension (with Sleeve) | : Φ=32.7mm<br>H =90.0mm |
| Discharge | : Recommended Max discharge current 10000mA |
| Nominal Voltage | : 1.2V |
| Capacity | : Minimum: 10000mAh<br>Typical: 10725mAh<br>When discharged at 2000mA to 1.0V at 20℃ |
| Charging Condition | : 1000mA for 14 hrs at 20℃ |
| Service Life | : > 350 cycles (IEC61951 standard) |
| Continuous Overcharge | : Comply with IEC61951<br>Permanent Charge Endurance Test |
| Weight (approximate) | : 235g |
| Internal Resistance | : Average 6 mΩ upon fully charged<br>At 1000Hz |
| Charge Retention | : ≥70% ( IEC standard ) |
| Ambient Temperature Range | : Standard Charging : 0 to 70℃<br>Discharging : −20 to 70℃<br>Storage : −20 to 35℃<br>Storage (1 week) : −20 to 60℃ |

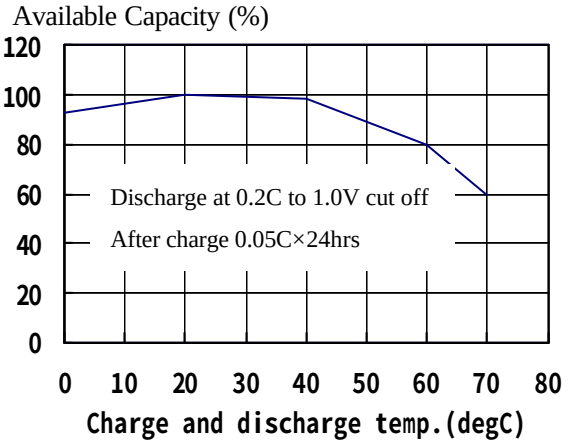
**Low Rate Discharge**

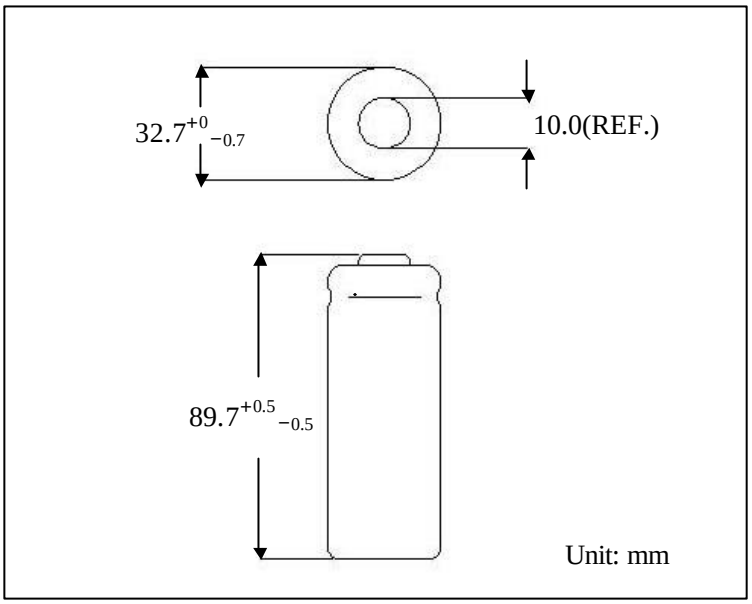



**High Rate Discharge**




**Charge/discharge efficiency vs. temp.**




* The information contained in this document is for reference only and should not be used as a basis for product guarantee or warranty. For applications other than those described here, please consult C-POWER.

Note: All the above values subject to change without prior notice.