

Industry Standard Dimensions


Discharge Characteristics
Typical Performance at $\mathbf{2 1}^{\mathbf{\circ}} \mathrm{C}\left(\mathbf{7 0}^{\circ} \mathrm{F}\right)$


## Specifications

## Classification:

Chemical System:
Designation:
Nominal Voltage:
Rated Capacity:
Typical Weight:
Typical Volume:
Terminals:
Jacket:

* Based on 500 mA ( 0.2 C rate) continuous discharge to 1.0 volts.


## Internal Resistance:

The internal resistance of the cell varies with state of charge, as follows:

$\frac{\text { Cell Charged }}{11 \text { milliohms }}$| (tolerance of $\pm 20 \%$ applies to above values) |
| :--- |$\frac{21 \text { mischarged }}{}$ (tiliohms

## AC Impedance (no load):

The impedance of the charged cell varies with frequency, as follows:

| Frequency (Hz) | $\frac{\text { Impedance (milliohms) }}{\text { (charged cell) }}$ |
| :---: | :---: |
| 1000 | 9 |

Above values based on AC current set at 1.0 ampere.
Value tolerances are $\pm 20 \%$.

## Operating and Storage Temperatures:

To maintain maximum performance, observe the following general guidelines regarding environmental conditions:

$$
\begin{aligned}
\text { Charge: } & 0^{\circ} \mathrm{C} \text { to } 40^{\circ} \mathrm{C}\left(32^{\circ} \mathrm{F} \text { to } 104^{\circ} \mathrm{F}\right) \\
\text { Discharge: } & 0^{\circ} \mathrm{C} \text { to } 50^{\circ} \mathrm{C}\left(32^{\circ} \mathrm{F} \text { to } 122^{\circ} \mathrm{F}\right) \\
\text { Storage: } & -20^{\circ} \mathrm{C} \text { to } 30^{\circ} \mathrm{C}\left(-4{ }^{\circ} \mathrm{F} \text { to } 86^{\circ} \mathrm{F}\right) \\
\text { Humidity: } & 65 \pm 20 \%
\end{aligned}
$$

NOTE: Operating at extreme temperatures, will significantly impact battery cycle life.

## Important Notice

This data sheet contains typical information specific to products manufactured at the time of its publication.
Contents herein do not constitute a warranty and are for reference only.

