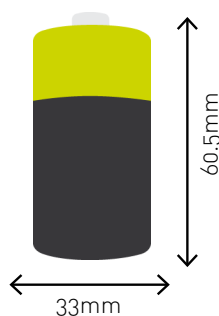


High Temperature Batteries Nickel – Cadmium

D4⁰ Series

Dimensions



- 4 year warranty
- Continuously rated at 55°C
- Complies with IEC 61951-1
- Emergency lighting

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Product Specification

The One-LUX D4^o range of Nickel Cadmium cells is perfectly suited to emergency lighting and other high temperature applications. The technology employed ensures an exceptionally long lifetime and is backed with a comprehensive 4 year warranty.

One-LUX engineers can design packs or sticks to suit customer requirement with various plugs, wires and fixing plates.

Electrical characteristics

Nominal Voltage (V)	1.20
Nominal Capacity (mAh) @ 25°C	4000
Maximum Continuous Discharge Current (A)	12

Dimensions

Diameter (mm)	33.0±1.0
Height (mm)	60.5±1.0
Weight (g)	120 approx.

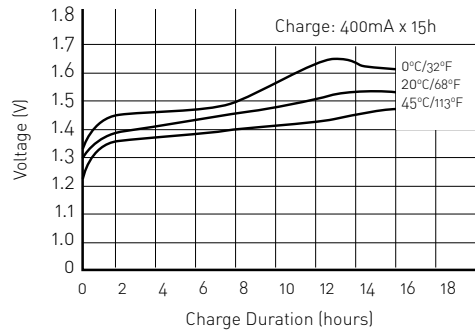
Charge conditions	Time	Temp (°C)	Charge (mA)
Standard	16h	0~45°C	400mA (0.1C)
Trickle	24h	0~70°C	200mA (0.05C)
Maintenance	∞	0~55°C	200mA (0.05C)

Storage

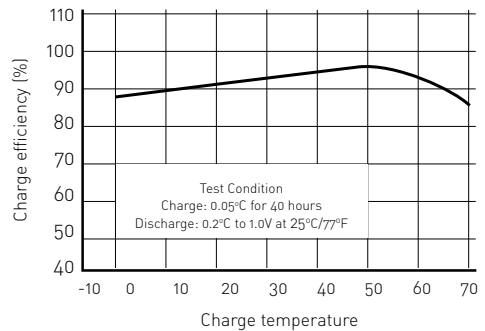
Storage Temperature	-20 to +35°C
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Typical characteristics

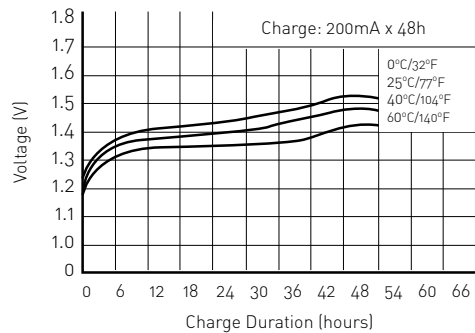
Standard charge characteristics



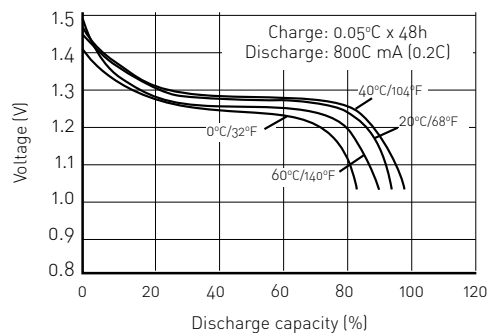
Charge efficiency



Trickle charge characteristics



Discharge characteristics



Cycle life curve at 25±5C for D-D4000HT

