



Specification of nickel-cadmium high-temperature rechargeable battery

Key features

- Excellent high temperature performance, even at +35 to +70C, still has high charging efficiency with low charge current
- Long life and high reliability, more than 500 cycles of charge and discharge.
- Good endurance performance: no damage to the battery when charged with 0.05C current at ambient temperature of +70C for a long time
- Available in a range of configurations including inline and side-by-side with optional connection plug (AMP151680), cable and backplate.
- Temperature range in discharge up to +70C

Technology

- Sintered positive electrode
- Plastic bonded negative electrode

Storage

- Recommended: + 5°C to + 25°C
- Relative humidity: 65 ± 5 %

Dimensions

Diameter(mm)	32.0
Height(mm)	60.0±0.5
Top Projection(high mm)	0.6±0.2
Top flat area diameter (mm)	10.0±0.2
Weight (g)	138

Charge conditions

Rate	Time(h)	Temp (C)	Charge current
Standard	48	+70	0.05C
Trickle			40 to 80

Discharge conditions

Rate	Capacity (mAh)	Temp (C)	Discharge current
Standard	>3600	+70	0.25C

Product codes

- All batteries come with welded tags and a separate 250mm-long cable with spade receptacles to attach to the battery
- An optional cable with AMP 151560 plug is available.

Item	Description	Configuration
BS 1DH4-0TL	Emergency battery, NiCd, 1.2V, 1*D4000HT	Single
BS 2DH4-0TL4	Emergency battery, NiCd, 2.4V, 2*D4000HT	Inline
BS 2DH4-0TLP3	Emergency battery, NiCd, 2.4V, 2*D4000HT	Side-by-side
BS 3DH4-0TL4	Emergency battery, NiCd, 3.6V, 3*D4000HT	Inline
BS 3DH4-0TLP3	Emergency battery, NiCd, 3.6V, 3*D4000HT	Side-by-side
BS 4DH4-0TL4	Emergency battery, NiCd, 4.8V, 4*D4000HT	Inline
BS 4DH4-0TLP3	Emergency battery, NiCd, 4.8V, 4*D4000HT	Side-by-side
BS 4DH4-0TL5	Emergency battery, NiCd, 4.8V, 4*D4000HT	Twin
BS 5DH4-0TL4	Emergency battery, NiCd, 6.0V, 5*D4000HT	Inline
BS 5DH4-0TLP3	Emergency battery, NiCd, 6.0V, 5*D4000HT	Side-by-side
BS 6DH4-0TL4	Emergency battery, NiCd, 7.2V, 6*D4000HT	Inline
BS 6DH4-0TL3	Emergency battery, NiCd, 7.2V, 6*D4000HT	Side-by-side
BS 6DH4-0TL5	Emergency battery, NiCd, 7.2V, 6*D4000HT	Twin
BS AMP-LT-3	Lead with AMP plug and spade for batteries up to 3 inline, length 250mm, gauge 18SWG, colour red/black	N/A
BS AMP-LT-6	Lead with AMP plug and spade for batteries up to 6 inline, length 250mm, gauge 18SWG, colour red/black	N/A