

Rechargeable Battery Packs

FEATURES

- High Temperature
- High capacity
- Long Service Life
- Reliable
- Reach report
- Safety

RS PRO Rechargeable Nickel Cadmium Battery Pack NiCd 2.4V DH 4000 mAh D2 Type

RS Stock No.: 2602993



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

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Product Description

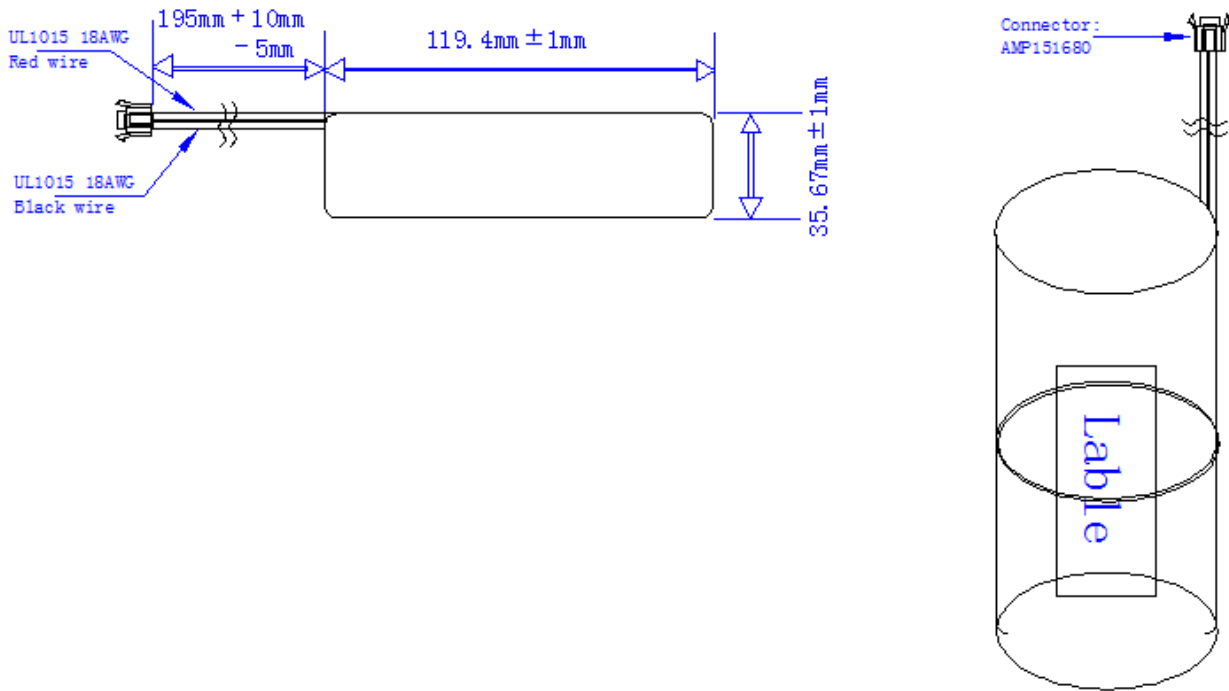
RS Rechargeable cylindrical nickel cadmium battery pack using latest technology. Long Service Life-Depending upon application up to 1000 charge/discharge cycles can be expected. The rechargeable cylindrical nickel cadmium battery pack are an excellent battery to use for applications when stability and safety is more important to you than battery capacity.. Providing a reliable and safety power source, a wider range of temperature reliability, low discharge rate and amazing overcharge and plus their design is space saving.

General Specifications

Battery type	NICd DH size 4000 mAh (2S1P) D type
Nominal voltage	2.4V
Nominal capacity	4000 mAh (at 0.2CmA)
Typical weight	Approximate 250g
Standard charge	400mA x 15 hours
Standard discharge	800mA to 2.0V
Trickle charge	120~250mA
Discharge cut-off voltage	In condition to trickle charge 2.0V
Dimension:	Diameter : 35.67mm±1mm Height:119.4±1mm Wire Length: 195mm. ₅ ⁺¹⁰ mm
Temperature range for operation (Humidity: Maximum 85%)	Standard charge: -5°C~55°C Trickle charge: -5°C~+70°C Discharge: -20°C~+70°C
Temperature range for storage: (Humidity: Maximum 85%)	Within 6 months: -20°C~+30°C Within 1 months: -20°C~+45°C Within 1 week: -20°C~+55°C

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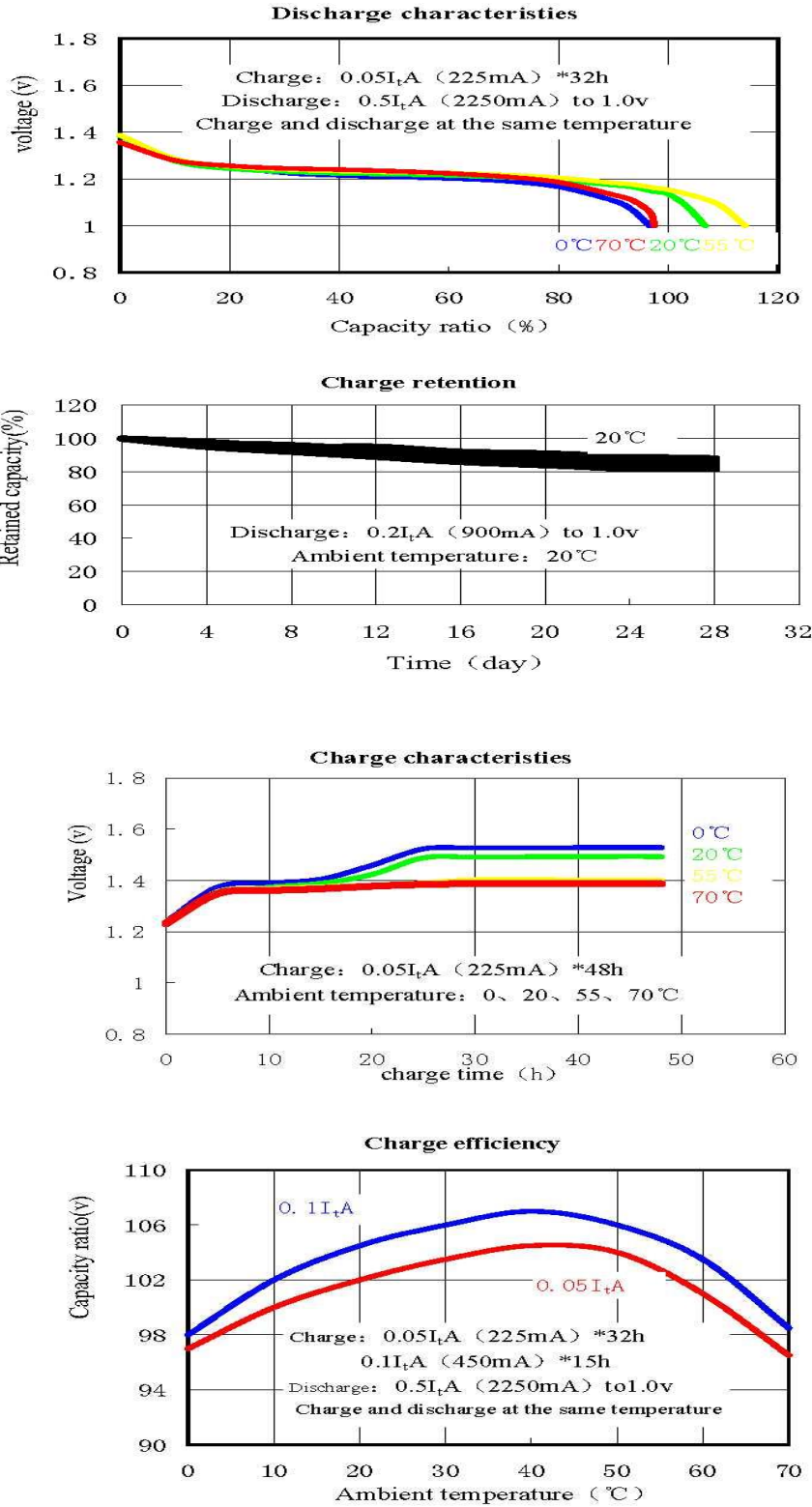
Pack Drawing



1.	Positive	Red wire UL1015 18AWG	Length: 195+10 mm/ -5mm	Connector: AMP151680
2.	Negative	Black wire UL1015 18AWG	Length: 195+10 mm/ -5mm	

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Electrical Specifications



- *1、 $0.2I_tA$ (800mA) discharge capacity after charging at $0.1I_tA$ (400mA) for 15 hour.
- *2、 Weight and internal impedance are for reference.

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Typical Application

- Emergency Lighting
- Many other appliance

Precaution

- 1.1 We recommend you to set the cut-off voltage at 2.0V/Pack.
- 1.2 Do not subject batteries to adverse condition such as extreme temperature, Deep cycling and excessive over charge/over discharged.
- 1.3 Do not detect $-\Delta V$ for first 5 minutes of charging.
- 1.4 The cells shall be delivered in charged condition, before testing or using, the cell shall be correctly charged or discharge in accordance with this specification.
- 1.5 Avoid direct soldering onto cells.
- 1.6 Observe correct polarity when connecting.
- 1.7 Do not charge with more than our specified current.
- 1.8 Use only within the specified working temperature range.
- 1.9 Never put a battery into water or seawater.
- 1.10 Avoid throwing cells into a fire or attempting to disassemble them. As the electrolyte inside is strong alkaline and can damage skin and clothes.
- 1.11 Avoid short-circuiting. It may be leakage.
- 1.12 Keep away from children, if swallowed, contact a physician at once.