

## FEATURES

- Typically can be recharged hundreds of times
- Efficient at high rate discharges
- Significantly higher capacity than nickel-cadmium batteries
- Operates well at a wide range of temperatures:  
Charging 0°C to 50°C and  
Discharging 0°C to 50°C

## RS PRO 12V NiMH Rechargeable Battery Pack, 4Ah

RS Stock No.: 777-0383



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.

## Product Description

Rechargeable AA NiMH (nickel-metal- hydride) battery packs from our own brand RS PRO are a great addition to your household.

These Rechargeable Batteries provide approximately 75% of the capacity of alkaline batteries at low drain rates and can surpass alkaline performance in high drain applications (i.e. digital cameras). Even though battery life is limited to 5 years or less, NiMH batteries can be recharged hundreds of times, potentially equivalent to hundreds of alkaline batteries. It's not only convenient but economical as well.

## General Specifications

<b>Chemistry</b>	NiMH
<b>Number Of Cells</b>	10
<b>Terminal Type</b>	Tags
<b>Size</b>	C
<b>Cycle life</b>	500 cycles
<b>Application</b>	Emergency Lighting; Commercial; Industrial

## Electrical Specifications

<b>Nominal Voltage</b>	12V
<b>Capacity</b>	4000mAh / 0.2CmA
<b>Standard Charge (16H)</b>	0.1CmA for 16hrs
<b>Fast Charge (1H)</b>	1C for 1.2hrs
<b>Trickle Charge</b>	0.03CmA

## Mechanical Specifications

<b>Weight</b>	770g
<b>Relative Humidity</b>	65%

## Operation Environment Specifications

Charge Temperature Range	0°C to 45°C
Storage Temperature Range	-10°C to 60°C

## Approvals

Compliance/Certifications	EN61340
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## Specifications:

Model	C x 10
Nominal Voltage	12 V
Capacity	Typical 4000 mAh/0.2 CmA
	Minimum 3800 mAh/0.2 CmA
Charge	Standard 0.1 CmA for 16 hrs.
	Rapid 1.0 CmA for 1.2hrs.(approx.) (With- $\Delta$ V, Temp., Time charging control)
	Trickle 0.03CmA (1 month)
Maximum Discharge Current	3.0 CmA
Discharge Cut-off Voltage	10 V
Cycle Life	500 cycles (condition as para 4-3)
Applicable Temperature	Standard Charge 0~+45°C
	Rapid Charge 0~+40°C
	Discharge -10~+60°C
Storage	Within one year -20°C~+35°C
	Within 3 months -20°C~+45°C
	Within 1 month -20°C~+55°C
Relative Humidity Range	65%±20%
Weight	Approx. 770 g