



## RMH0608

### Technical Specification for Radio of Nickel-Meal Hydride Rechargeable Battery Pack

Product Description:	7.2V NI-MH, 2100mAh Radio Battery
Product No.:	P1395RB
Model No.:	RB-SPRP73



#### 1. SCOPE

This technical specification is applied to sealed Nickel-Meal Hydride prismatic rechargeable battery as power supply for Radio. The battery pack is 2100mAh single cell (6pcs per pack). The battery converts chemical energy into electrical energy by chemical reaction.

The total voltage of battery pack is equal to one cell voltage.

#### 2. CELL TYPE

Cell	:	Sealed Ni-MH Prismatic Rechargeable Battery
Size	:	AA

#### 3. PACK RATING

Open Circuit Voltage within 1 hr fully charging	:	7.5V or more per pack
Nominal Voltage	:	7.5V per pack
Rated Capacity		2100mAh
Standard Charging (constant current, constant voltage)	:	210mA 16 hrs
Standard Discharging (constant current constant voltage)		200mA to 6V Min
Quick Charging (constant current, constant voltage)		1200mA
Standard Discharging (constant current constant voltage)		420mA
Maximum Discharging Current	:	1200mA
Internal Impedance (maximum)	:	$\leq 108 \text{ m}\Omega$
Standard Charging Temperature and humidity range	:	0°C to 45°C, (45-85%RH)
Discharging Temperature and humidity range	:	-30°C to 60°C, (45-85%RH)
Storage Temperature and humidity range (3 months)		-20°C to 45°C, (45-85%RH)
Operational Temperature range		-20°C to +50°C, (45-85%RH)