

4S1P - 4.8V 800 Mah AA - Ni-Cd Battery Battery -

Stock Code
900.600.503.016

SPECIFICATIONS OF SINGLE CELL

Type Nickel-Cadmium / Ni-Cd
Model AA / 800 mAh

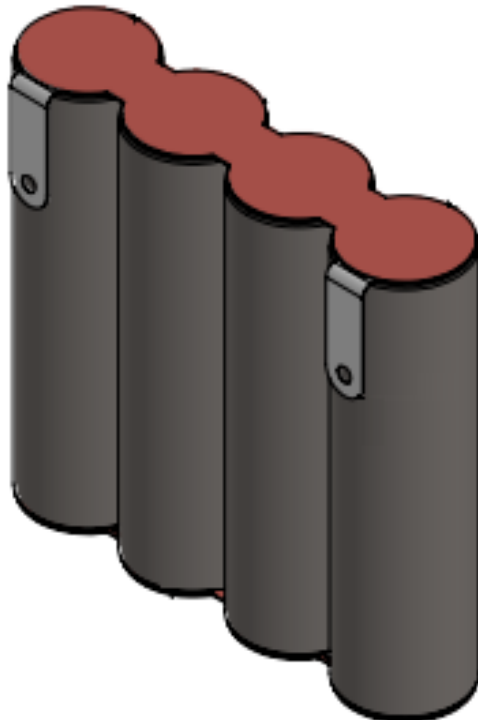
TECHNICAL INFORMATION

Item	Specifications	Conditions
Nominal Voltage	4.8V	
Configuration	4S1P	
Nominal Capacity	800 mAh	Standard Charge/Discharge
Minimum Capacity	800 mAh	
Standard Charge	80 mA(0.1C) × 16 hrs	
Fast Charge	0.1C for 1.3hours	
Trickle Charge	0.03C to 0.05C	
Standard Discharge	160 mAh (0.2C)	to 4.0V
Fast Discharge	800 mAh(1C)	to 4.0V
Maximum Continuous Discharge Current	2400 mAh	3C
Discharge Cut-off Voltage	4.0 V	
Storage Temperature	-20 °C ~ 35°C	
Weight	75 gr. / approx.	
Open Circuit Voltage(OCV)	≥5.0V	The open circuit voltage is measured within 1-4 hours after standard charge.
Internal Impedance	≤170mΩ	The initial internal resistance is measured at 1KHz within 1-4 hours after standard charge.
Overcharge	No leakage nor explosion	The overcharge test is measured with a discharge current of 0.2C and a discharge end-off voltage of 1.0V/cell within 1-4 hours after charging for 28 days at a current of 0.1C. Check cell appearance after overcharge.
Charge Retention	≥65%	After standard charge and storage time of 28 days at an ambient temperature of 20°C±2°C, the capacity is measured with a discharging current of 0.2C and a discharge end-off voltage of 1.0V/cell..
Cycles Test	≥500 Cycle	IEC 61951-1 4.0

4S1P - 4.8V 800 Mah AA - Ni-Cd Battery Battery -

Stock Code
900.600.503.016

TECHNICAL DRAWINGS

Item	Specifications	Drawings
Thickness / Diameter	14.5±1.5 mm	
Width	57.91±2.0 mm	
Length	50.53±2.0 mm	
Connector Model	-	
Cable Length	-	
Cable Thickness	-	
IMAGE		
