

### 5S1P - 6.0V 200 Mah AA Size Ni-Cd Battery Pack

Stock Code  
900.601.503.026

#### SPECIFICATIONS OF SINGLE CELL

Type Nickel-Cadmium / Ni-Cd  
Model AA/ 200mAh

#### TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Nominal Voltage	6.0V	
Configuration	<b>5S1P</b>	
Nominal Capacity	200 mAh	Standard Charge/Discharge
Minimum Capacity	190 mAh	
Standard Charge	20 mA(0.1C) × 16 hrs	Ambient temperature of 20±5°C, Relative Humidity: 65±20%
Standard Charge	40mA (0.2C)	to 1.0V/cell
Rapid Charge	200 mA(1C) × 1.2 hrs / approx.	(With -ΔV or dT/dt or TCO control) Timer CutOff = 120% -ΔV= 10-20mV/cell dT/dt= 1 ~ 2°C/3min Temp. CutOff = 50°C (122°F) Ta=10 ~ 45°C
Trickle Charge	10-20 mA(0.05C-0.1C)	Ta=0 ~ 45°C
Discharge Cut-off Voltage	5.0 V	
Maximum Discharging Current	200 mA(1C)	Ta= -20°C ~ 50°C
Storage Temperature	-20 °C ~ 35°C	Discharged state
Weight	81 gr. / approx.	
Open Circuit Voltage(OCV)	≥6.25V	Within 1hr after standard charge
Internal Impedance	≤300mΩ	Upon fully charge(1000Hz)
High Rate Discharge (0.5C)	≥108min	Standard Charge, 1hr rest before discharge
High Rate Discharge ( 1 C)	≥54min	Standard Charge, 1hr rest before discharge
Overcharge	No leakage nor explosion	20mA(0.1C) charge 28 days
Charge Retention	≥130mAh	Standard Charge, Storage: 28 days, Standard Discharge
Cycles Test	≥500 Cycle	IEC61951-2:2003

## TECHNICAL DRAWINGS

Item	Specifications	Drawings
Thickness	15.0 mm	
Width	52.0 mm	
Length	72.5 mm	
Connector Model	JST-XHR-02	
Cable Length	150mm	
Cable Thickness	UL1007 AWG24	

## IMAGE

