

3S1P - 3.6V 4000 Mah D - Ni-Cd Battery Pack - BRK24-Pins

Stock Code
900.600.503.107

SPECIFICATIONS OF SINGLE CELL

Type Nickel-Cadmium / Ni-Cd
Model D / 4.000mAh

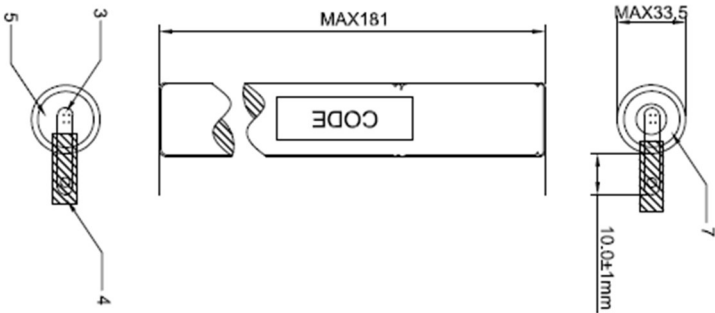
TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Nominal Voltage	3.6V	
Configuration	3S1P	
Nominal Capacity	4.200 mAh	Standard Charge/Discharge
Minimum Capacity	4.000 mAh	
Standard Charge	400 mA(0.1C) × 16 hrs	Ambient temperature of 20±5°C, Relative Humidity: 65±20%
Rapid Charge	1.200 mA (0.2C) × 4.3 hrs / approx.	-delta V controlled: 15mV/cell cut-off dT/dt controlled: 1°C per min.
Trickle Charge	0.03C-0.5C	Ta=0 ~ 45°C
Standard Discharge	800mA (0.2C)	to 1.0V/cell
Fast Discharge	2.000 mA(0.5C)	Ta= -20°C ~ 50°C
Maximum Continuous Discharge Current	4.000 mA	1C
Discharge Cut-off Voltage	3.0 V	
Storage Temperature	-20 °C ~ 35°C	Discharged state
Weight	337 gr. / approx.	
Open Circuit Voltage(OCV)	≥3.75V	The open circuit voltage is measured within 1-4 hours after standard charge.
Internal Impedance	≤75mΩ	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	≥800mAh	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 3.0V.
Cycles Test	≥500 Cycle	IEC61951-2:2003

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TECHNICAL DRAWINGS

Item	Specifications	Drawings
Thickness / Diameter	33.5 mm	
Width	-	
Length	181.0 mm	
Connector Model	-	
Cable Length	-	
Cable Thickness	-	
IMAGE		
