POWER-XTRA

Ni-Cd

4S1P - 4.8V 4000 Mah D - Ni-Cd Battery Pack - BRK25-without pins

Stock Code
900.600.503.178

SPECIFICATIONS OF SINGLE CELL

Type Nickel-Cadmium / Ni-Cd

Model D / 4.000mAh

TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Nominal Voltage	3.6V	
Configuration	**4S1P**	
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℃, 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℃ per min.
Trickle Charge	0.03C-0.5C	Ta=0～45℃
Standard Discharge	800mA (0.2C)	to 1.0V/cell
Fast Discharge	2.000 mA(0.5C)	Ta= -20℃～50℃
Maximum Continuous Discharge Current	**4.000 mA**	**1C**
Discharge Cut-off Voltage	**4.0 V**	
Storage Temperature	-20 ℃～35℃	Discharged state
Weight	448 gr. / approx.	
Open Circuit Voltage(OCV)	≥5.00V	The open circuit voltage is measured within1-4 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℃±2℃, 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

Ni-Cd

4S1P - 4.8V 4000 Mah D - Ni-Cd Battery Pack - BRK25-without pins

Stock Code
900.600.503.178

TECHNICAL DRAWINGS

Item	Specifications	Drawings
Thickness / Diameter	33.5 mm	
Width	-	
Length	240.0 mm	
Connector Model	-	
Cable Length	-	
Cable Thickness	-	

IMAGE