

BA223 — 2100mAh

Cell Type

NICK METAL HYDRIDED BATTERY PACK

- **Type:**
- **Model:** AA2100

Electrical Test

• **Charging Characteristics**

The battery pack should be charged under the following conditions:

- At a constant current of 210mA for 16 hrs (Standard Charges)
- At a constant current of 1050mAh for 2 hrs (Quick Charge)

The above test is the ambient temperature of 20°C (+, -5°C)



This technical specification is for the product of **BA223** NICK METAL HYDRIDED BATTERY PACK

Specification	
Dimension	6.05*4.75*1.8cm (L*W*H)
Weight	100g
Maximum Overstep	0.1 mm
Normal Voltage	3.6 V per pack
Typical Capacity	2100 mAh
Discharge End Voltage	3 V per pack
Maximum Discharge	2.1 A Current
Charge Temperature	0°C ~ 40°C
Discharge Temperature	-20°C ~ 50°C
Storage Temperature	-20°C ~ 35°C

• Discharge Characteristics

After adopt the above charge procedure as 5.1 the battery pack is stored for 1 hour at the same temperature range, this is to be discharged at various current till the end voltage reaches 5.5V

- At 420mA discharge for 5hrs (0.2C)
- At 630mA discharge for 3.3hrs (0.3C)
- At 2100mA discharge for 54 minutes (1C)

• Capacity Characteristics

The battery pack should be at or more than 90% minimum capacity under the above either charging or discharging procedure.

• Charge retention

After stand charging procedure as per 5.1, the battery pack store for 28 days, then discharge the battery pack are 0.2C, the nominal capacity shall not be less than 70%.

- Before using, the battery pack shall be properly charged as 5.1.
- Keep the battery pack in cool and dry place.
- DO NOT throw the battery pack into fire or disassembles them.
- DO NOT short-circuit the battery pack
- DO NOT charge with more than specified current.

WARNING: This battery pack should be charged by proper specified charger .
After long storage, it is desirable to cycle (charge/discharge) the battery 3 times to restore full capacity.