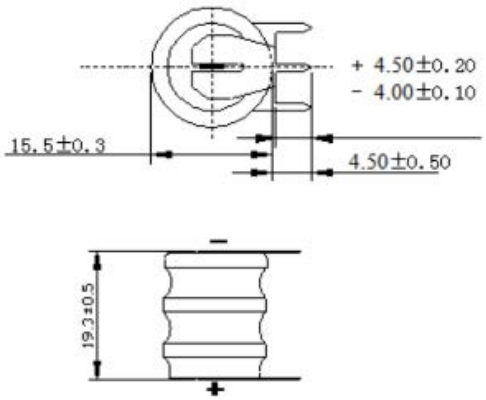
Battery Ni-MH

Primary characteristics		
Parameter	**Value**	**Unit**
Nominal voltage	3.6	V
Nominal capacity	80	mAh

Battery dimensions



Scope

The purpose of this product specification is to provide technical information for the Ni-MH battery MH 3.6V B3.
The test shall be conducted in strict accordance with the method specified in this specification.
If you have any objection to the test items or test methods, please contact Akyga Battery.
Rechargeable batteries features: dual pin on the "+" single pin on "-"

Specification table		
Parameter	**Value**	**Unit**
Battery model	MH 3.6V B3	
Nominal voltage	3.6	V
Nominal capacity	80	mAh
Standard charge	8mA (0.1C), 14~16h	
Fast charge	16mA (0.2C), 6~7h	
Charge temperature	-10 / +45	°C
Discharge current	0.1C ~0.2C	
Operating temperature	-20 /+65	°C
Termination voltage	3.0	V
Storage temperature	0 /+25	°C
Average weight	10	g

Charging and Discharge

- For the first time, the battery pack must be charged, even if the battery is in charging state when it leaves the factory
- In general, the battery pack does not advocate fast charging. In emergency cases, attention should be paid to the following points:
  - Special fast charger should be used
  - Frequent use of fast charger, battery pack will be affected to varying degrees
  - Fast charger required strict control of charging time, charging voltage and surface temperature of the battery
- Do not short circuit or positive or negative reverse load in use
- In the same battery pack, different kinds of battery can not be used
- We do not advocate parallel charging and parallel use, it will produce uneven charging current and battery and battery and battery recharge and other bad results

Discharge rate	Current (mA)	Termination voltage (V)	Available capacity (mAh)
0.2C	16	3.0	>75
0.5C	40	3.0	>68

Storage

- The battery should be stored in a cool place 0~25 °C, with a relative humidity of 65 ± 20
- After 6 months of storage, it is necessary to use the standard 0.1 C current to charge and discharge the battery for 3 cycles, so that the battery can recover its fully capacity.
- When stored or transported, metal objects cannot be mixed with batteries to prevent accidental short circuit.

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