

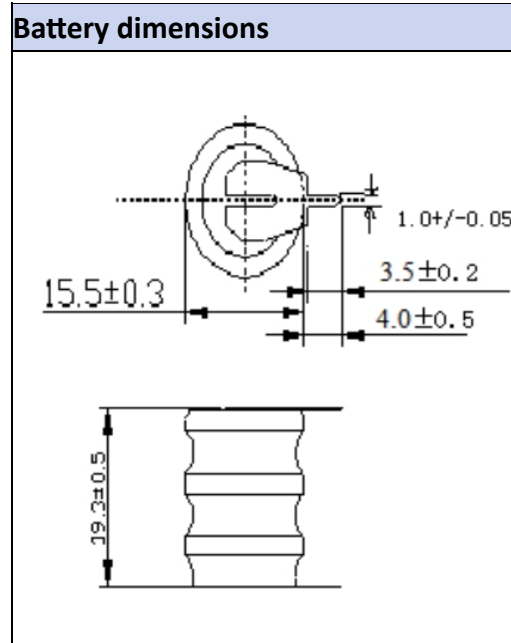
Battery Ni-MH

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

Scope

The purpose of this product specification is to provide technical information for the Ni-MH battery 3.6V/80mAh.

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.



Specification table		
Parameter	Value	Unit
Battery model	Ni-MH 3.6V B3	
Nominal voltage	3.6	V
Nominal capacity	80	mAh
Standard charge	0.1C, 15h	
Fast charge	0.2C, 6h	
Charge temperature	0 / +45	°C
Fast charge temperature	10 / +45	°C
Trickle charge temperature	-10 / +45	°C
Discharge temperature	-20 / +65	°C
Recommend trickle charge current	0.02~0.05	C
End-discharge voltage	3.0	V
Maximum continuous discharge current	0.5	C
Dimension	$\Phi 15.5 \times 19.3$	mm
Pins	2	pcs

Charging and Discharge

- For the first time, the battery must be charged, even if the battery is in charging state when it leaves the factory
- In general, the battery 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

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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