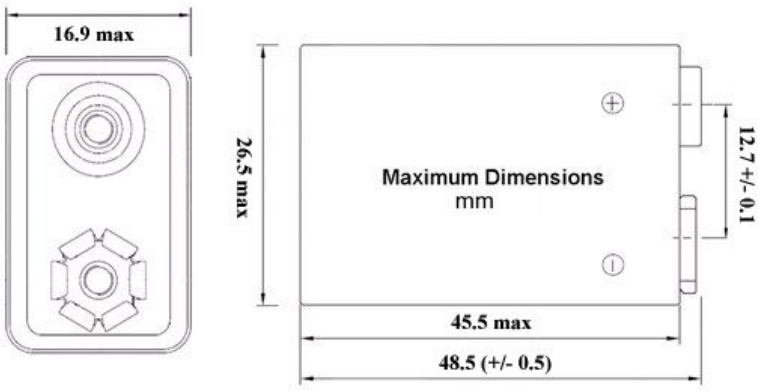
SPECIFICATION

Type: Ni-Cd 9V Battery 120mAh

Date: 2014-9-21

Data Sheet

System ---------- Sealed rechargeable Ni-Cd 9V Battery
Type ----------9V120MAH
Nominal voltage ----------8.4 V
Dimension (including shrink sleeve/label)
Length ， L ---------- 48.5mm (±0.5mm)
Width ， W ---------- 26.5mm(±0.5mm)
Thickness ， T ----------16.9mm (+0.5mm)



Weight approx. ----------43g (for reference only)
Capacity (20 ℃, 0.2 C to 7.0V)
Typical ----------120 mAh (for reference only)
Min.---------- ----------113 mAh
Charging conditions (20 ℃)
Standard charge----------12 mA 16 hrs
Fast charge* ----------up to 24 mA for 7 hrs
Discharge conditions
Discharge cut-off Voltage----------7.0 V
Max. discharge current (continuous)----- ----------60 mA
Operation temperatures （relative humidity : 65 ±20%）
Discharge ---------- -20 ℃ to +60 ℃
Standard charge ---------- 0 ℃ to +45 ℃

***REMARK ：**

1. Cycle life:IEC61951-1(2003) 7.4.1.1

Cycles	Charge	rest	Discharge
1	0.1C×16h	5h	0.2C×3h
2~48	0.1C×8h	1.0h	0.2C×3h
49	0.1C×8h	1.0h	0.2C to 7.0V
50	0.1C×16h	1.0h	0.2C to 7.0V
Repeat 1 to 50 cycles, until the discharge time of any 50 th cycle is less than 3hrs			

2. COSMETIC

Batteries should be without any flaw 、stain 、discoloration or leakage and deformation.

3. CAUTION:

3.1 Do not dispose of cell into fire or dismantled under any condition.

3.2 Do not mix different cell types and capacities in the same battery assembly.

3.3 Charge and discharge under specified ambient temperature recommend to specification

3.4 Short circuit leading to cell venting must be avoided.

3.5 Never solder onto cell directly.

3.6 Cell reversal should be avoided.

3.7 Use batteries in extreme condition may affect the service life, such as: extreme temperature 、deep cycle 、extreme overcharge and over discharge.

3.8 Batteries should be stored in a cool, dry place

3.9 Once problems be found ，stop using ，send batteries to local agent.

4. STORAGE:

4.1 It is strongly recommended to stored Ni-CD batteries and cells in the temperature range from 0 ℃ to 25 ℃,and in low humidity and no corrosive gas environment, to maintain a reasonably high capacity recovery level.

4.2 Avoid storage higher (e.g. 35 ℃), lower temperature than -20 ℃, or higher humidity which would result in deterioration or damage to the cells and batteries such as follows:

.Permanent capacity loss

.Electrolyte leakage resulted from the expansion or shrinkage of organic material inside the cells.

.Rust of metal parts.

4.3 Up to three full cycles of charge/discharge after long-term storage may need to obtain highest capacity.

5. REFERENCE:

Please refer to our responsible division in charge as below if any question on using batteries.