

How to Revive NiMH Single cell & NiMH battery pack.



AA Portable Power Corp

<http://www.batteryspace.com>

2700 Rydin Road unitC. Richmond, CA,94542 USA.

Tel: 510-525-2328

Fax:510-4392808

- Equipment:** DVM (Multimeter)
12V DC 0.5 Amps AC Adaptor
- Environment:** Rubber Gloves
Non Fire Hazard
- Important:** Only Suggest to People who have at least basic knowledge about electricity.
- Reason:** Over discharge
Total output voltage too low for charger to recognize the battery.

How to revive NiMH Single cell?

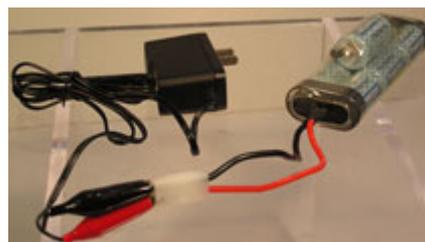
- 1) Use DVM to measure the battery. (1.2v NiMH Single cell). If the voltage is lower than 1.0V, you may try this to revive the battery.
- 2) Charge the cell by the 12V DC 0.5Amp AC adaptor with correct polarity for no more than 3 seconds as shown in picture1.
- 3) Measure the battery again, the voltage should increase to at least 1.2v. If the measurement is still shown less than 1.0v, It is a dead cell.



Picture1

How to revive NiMH battery pack?

- 1) Use DVM to measure the total output voltage of the battery pack.
Calculation = Total output voltage / the number of cells.
If the result is less than 1.0V/cell, then you may to revive the pack.
- 2) Charge the cell by the 12V DC 0.5Amp AC adaptor with correct polarity for no more than 1 minute as shown in picture 2.
- 3) Measure the voltage again. It should increase at least 80% of initial voltage. Then you may connect the battery pack to the charger to continue charging. If it is still less than 50% of initial voltage, there is a dead cell “0V” in the pack.



Picture2