

General Information about self-discharge and shelf life of NiMH rechargeable batteries

Self-discharge:

NiMH batteries are rechargeable batteries and this kind of battery have a higher self-discharge than other chemical systems.

The self-discharge rate of the NiMH batteries are depend on many factors and the essential ones are:

- 1.) The storage temperature
- 2.) State of Charge
- 3.) Age of the battery

Therefore it is important to charge the battery before storage and depend on the storage temperature the battery should be recharged after 3-6month and if stored with low temperature can be more than 6 month, otherwise the batteries get deep discharged and the chemical system get damaged.

Also, the battery should stored in dry and cold ambient temperature to reduce the self-discharge of the battery.

Shelf life:

NiMH batteries are rechargeable batteries and have no general defined shelf life because the shelf life of the NiMH batteries is strongly dependent on the storage conditions and maintenance (periodically recharge during storage).

Note:

this information has been given to the best of our knowledge and belief. Nevertheless, no liability can be assumed for this, as this information can be updated or changed at any time.