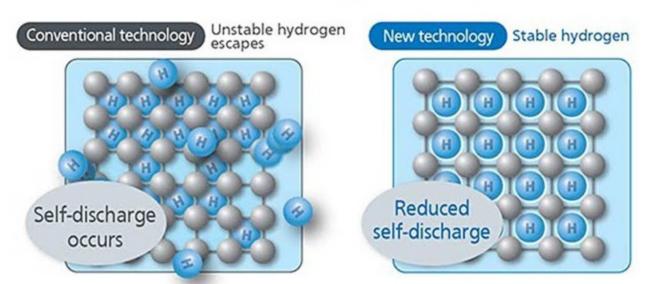
What Makes encloop so Amazing?

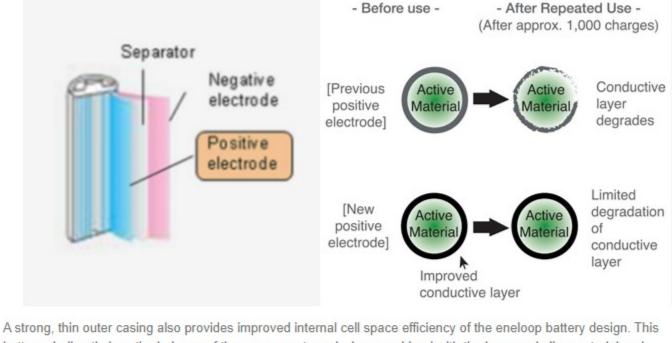


Crystal lattice structure of the hydrogen storage alloy

eneloop batteries utilize a highly-durable super lattice alloy which prolongs the life of this important material. Improvements to this super-lattice alloy have increased hydrogen stability resulting in reduced self-discharge and long lasting, stable voltage output.

Improvements to the conductive surface layer of the active (positive) electrode material (made primarily from nickelmetal hydride) produce greater conductivity and durability. By limiting the degradation of the conductive layer, it has been possible to reduce performance degradation during repeated use and thus increase the number of times that eneloop batteries can be recharged - all without increasing the amount of negative electrode alloy used.

eneloop pro High Capacity Rechargeable Batteries



battery shell optimizes the balance of the components and when combined with the improved alloy material and conductive surface layer of the positive electrode active material enables the new eneloop pro cells to be recharged up to 500 times.**

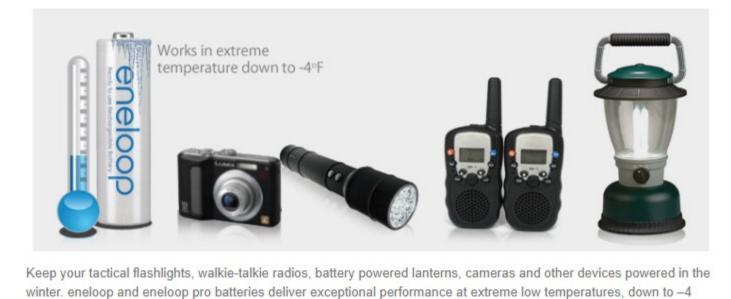
with Solar Power

Panasonic encloop pro High Capacity Rechargeable Batteries are Pre-Charged



the factory in Japan using power generated from solar energy.*** This process is certified twice a year by The Green Energy Certification Center.

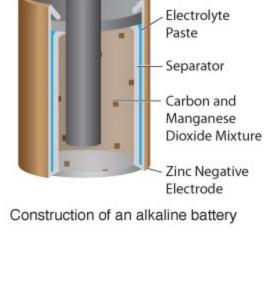
Performs In Low Temperatures



degree Fahrenheit.****

Why Are Alkaline Batteries 1.5V?

Regular disposable AA and AAA batteries are considered Primary Carbon Positive Cells, more widely recognized as conventional "alkaline" batteries.



Electrode

of Manganese Dioxide, known as the cathode (the positive terminal). The electrodes are surrounded by an alkaline electrolyte, the chemical from which alkaline batteries get their name. Battery chemistry of an alkaline battery generates 1.5V. As the chemical reaction fades, so does the power of the alkaline battery cell. This is why the voltage from alkaline batteries drops off shortly after the battery is put into use and the power continues to

There are two electrodes inside each cell; one is made of Zinc, known as the anode (the negative terminal) and the other is made

Why Are Ni-MH Batteries 1.2V?

+ Contact

Cover plate

eneloop

eneloop 1000 Cycle

electrodes inside the cell: Nickel Hydroxide and Hydrogen absorbing alloy. Battery chemistry of a Ni-MH rechargeable battery generates 1.2V.

Negative

Electrode

fade over time.

maintain the same voltage throughout most of the entire charge. The chemical makeup of Ni-MH batteries allows the cell to be recharged at any time without having to be fully discharged. eneloop batteries have continued to raise the performance bar in Ni-MH rechargeable technology. They have increased "low self-

While alkaline batteries experience rapid drops

Ni-MH rechargeable batteries have two

in voltage Ni-MH rechargeable batteries

rechargeable batteries which allows eneloop cells to store power for longer periods of time.

discharge" performance on Ni-MH

authentic

eneloop batteries.

eneloop 2100

CI

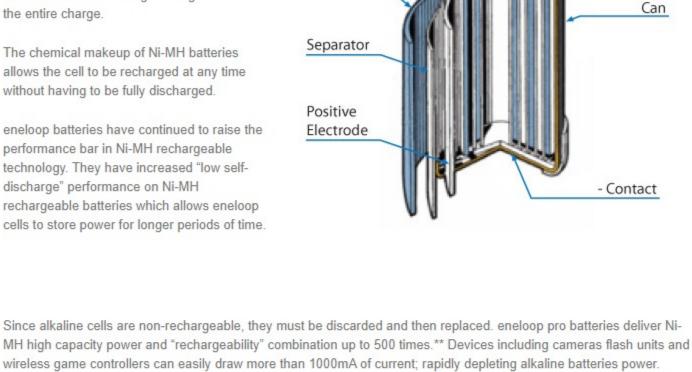
Size

Voltage

Country of Origin

Charge

eneloop pro



eneloop Cell Voltage (V) Consistent, Long-Lasting, 1.2VDC Power

eneloop batteries maintain a consistently high voltage level keeping your devices operating for a long period of time. When you use encloop Ni-MH rechargeable batteries, you will realize that "1.2V" can indeed be better than "1.5V".



Products sold in plastic bags or flexible foil style packages are not authorized for sale in the U.S. and may not contain

eneloop 1800 Cycle

eneloop

eneloop 1500 Cycle

eneloop XX

0.57" x 1.99"

1.2V

Made in Japan

0.41" x 1.75"

1.2V

Made in Japan



	neloop	neloop	neloop pro	neloop pro
Battery Size	AA	AAA	AA	AAA
Capacity	up to 2000mAh*	up to 800mAh*	up to 2550mAh*	up to 950mAh*
ycles / Recharges	up to 2100 times**	up to 2100 times**	up to 500 times**	up to 500 times**
Storage Life	Holds 70% charge up to 10 years*	Holds 70% charge up to 10 years*	Hold 85% charge up to one year*	Hold 85% charge up to one year*
ed at the Factory Using Solar Power	Yes	Yes	Yes	Yes
Low Temp Rating	Down to -4 degrees F	Down to -4 degrees F	Down to -4 degrees F	Down to -4 degrees F
Chemistry	LSD Ni-MH	LSD Ni-MH	LSD Ni-MH	LSD Ni-MH
Recyclable	Yes	Yes	Yes	Yes
Weight	.952	.459	1.058	.508

0.41" x 1.75"

1.2V

Made in Japan

Batteries can be recharged when fully, or partially drained. *eneloop charge capacity and mAh estimates based on Panasonic internal IEC 61951-2(7.3.2) testing. **Recharge cycles based on testing method established by IEC 61951-2(7.5.1.3). ***Solar energy charging as certified by The Green Energy Certification Center, eneloop batteries need a charger to be recharged. Panasonic Ni-MH battery chargers are recommended. ****Recommended storage conditions 68 degrees F. Results may vary based on conditions of storage and

0.57" x 1.99"

1.2V

Made in Japan