

eneloop

Ready to use Rechargeable Battery TM

PRODUCT CATALOGUE 2022



Table of Contents



What is eneloop?

- 4** The only battery you will ever need
- 5** eneloop's brand image & DNA
- 7** For a sustainable lifestyle
- 8** Capacity up
- 9** eneloop: top quality battery

eneloop rechargeable batteries

- 16** eneloop pro
- 20** eneloop
- 24** eneloop lite
- 28** Comparison chart
- 29** Performance chart

eneloop chargers

- 32** Pro charger
- 33** SmartPlus charger
- 33** Smart charger
- 34** Smart 8 charger

- 34** Compact charger
- 35** Basic charger
- 35** SmartPlus USB Travel charger
- 35** Basic USB chargers
- 38** Charger overview

Shopper insights

- 40** Shopper insights

Instore communication

- 42** eneloop new POS materials
- 44** Display overview

Online communication

- 45** Website • Partner Portal • Social media

Resources

- 46** Cross reference table
- 47** Technical specifications

What is eneloop?

The only battery you will ever need!

eneloop is the pre-charged, long-life, recyclable rechargeable battery that saves energy and money by being able to be charged and discharged up to 2100 times⁽¹⁾.

eneloop represents a new lifestyle

eneloop is the next generation of environmentally friendly batteries that combines the convenience of primary batteries with the advantages of rechargeable batteries. It is Ready to Use straight after purchasing and it can be stored for a long period of time.



Help change the future of our environment by changing your battery

How many batteries are we using and throwing away every year...
What can we do to save our environment...
What is the idealistic eco-friendly battery for the future....

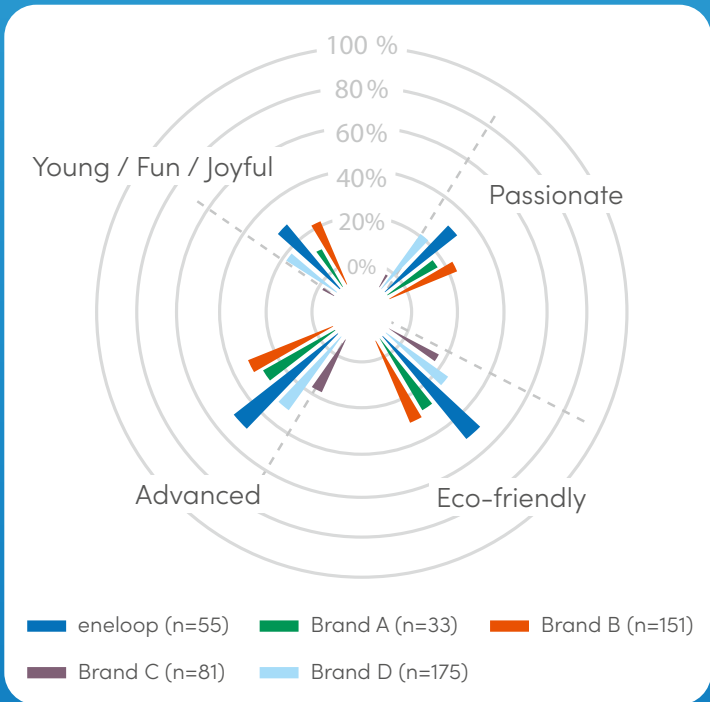
eneloop is Panasonic's answer.

⁽¹⁾ Battery cycle life 2100 times based on testing method established by IEC 61951-2 (7.5.1.3). 600 times based on IEC 61951-2 2017 (7.5.1.4). Varies according to conditions of use.

Research⁽²⁾ has confirmed that eneloop is perceived to be the most eco-friendly, young, fun & joyful rechargeable brand compared to other rechargeable batteries, which have the same brand image values as alkaline batteries.



eneloop's brand image⁽²⁾



eneloop worldwide

Sold in over **70** countries⁽³⁾

550 million batteries shipped worldwide⁽⁴⁾

Registered trademark in over **60** countries⁽⁵⁾



⁽²⁾ Source: Haystack rechargeable online survey July 2018. n:2007 in GE, PL, UK, IT and FR.
⁽³⁾ As of November 2020. ⁽⁴⁾ As of May 2021. ⁽⁵⁾ As of January 2019.

Panasonic

Contributing
to a sustainable
lifestyle.



eneloop is a rechargeable battery

eneloop is a rechargeable battery offering a new lifestyle choice to customers. Developed with the concept of sustainability and care for the Earth, eneloop embodies the principles of 'Recharge' and 'Reuse' for realizing a Clean Energy Society. eneloop uses energy from the sun and envisions sustainable Clean Energy Lifestyle by encouraging repeated use. We will continue to offer Clean Energy Solutions so that we can live in harmony with the Earth.



eneloop
Ready to use Rechargeable Battery TM



www.panasonic-eneloop.eu

For a sustainable lifestyle

Use eneloop to
save resources!



**FOR A SUSTAINABLE
LIFESTYLE**

Each year, approximately 40 billion batteries are used worldwide. Replacing even a small percentage of these with eneloop will help save resources and conserve the environment.

eneloop is the world's nature friendly battery.

Solar charged
+ Ready to Use

Pre-charged by solar energy and ready to use,
eneloop is the world's nature friendly battery.



World
acclaimed
quality

eneloop is shipped to over 70 countries and its Japanese inspired design and production are appreciated by consumers all over the world. Users feel a high level of satisfaction.

**Made in
Japan**
**+95%
Satisfaction⁽¹⁾**



⁽¹⁾ Based on an internal survey of German users (March 2020).

Panasonic

eneloop
Ready to use Rechargeable Battery TM

+ 600 - 1000
hours of gaming

+5%

NEW

CAPACITY
2000^{*1}
mAh



+ 600 - 1000
hours of radio

NEW

CAPACITY
800^{*1}
mAh

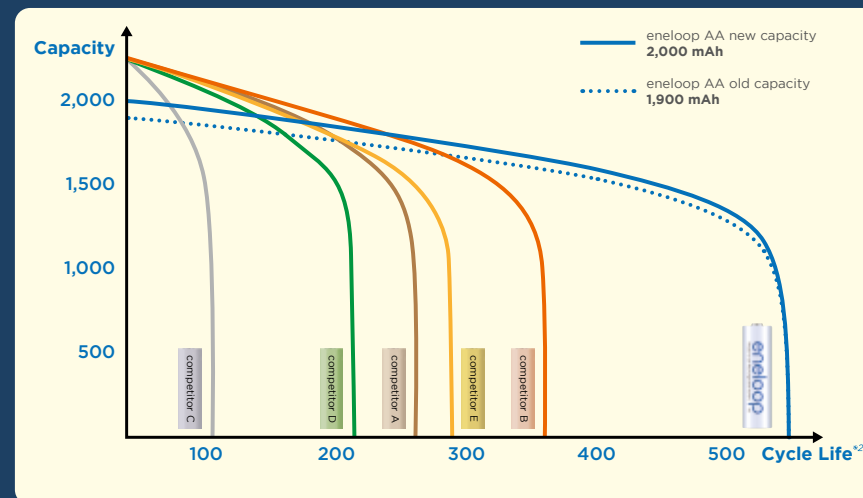
CAPACITY
750^{*1}
mAh

+7%

Capacity up

Thanks to **continuous market research and R&D**, we are able to improve even more! We increase the capacity of our eneloop standard range batteries. **The eneloop AA battery will increase from a minimum capacity of 1900 to 2000 mAh.** Also the performance of the **eneloop AAA battery will go up with a minimum capacity of 800 mAh instead of 750 mAh.**

The reason for this increase in performance is to not only be a **leader in the battery cycle life** but also be in the mix when we are talking capacity. Now we are making sure to be completely in line with the claimed capacities in the market. This in combination with our **low temperature discharge** claim, **longer cycle life** and **excellent long term storage** gives us a lot of unique selling points to keep growing.



^{*2} Internal testing based on IEC61951-2 2017 (7.5.1.4).

	eneloop	competitor A	competitor B	competitor C	competitor D	competitor E
Claimed Capacity*	3 rd	1 st	2 nd	2 nd	1 st	1 st
Cycle Life	1 st	3 rd	2 nd	6 th	4 th	5 th
Capacity after high temp. storage	1 st	5 th	2 nd	4 th	3 rd	6 th
Low temperature discharge	1 st	6 th	5 th	4 th	3 rd	2 nd
Long term storage	1 st	4 th	5 th	6 th	2 nd	3 rd

^{*} Based on internal testing.

^{*1} Note: eneloop communicates minimum capacity, the competitor brands communicate average capacity (Panasonic estimation).

Ecological solution

Every recharged battery will prevent a battery being disposed of, and because eneloop retains 70%⁽²⁾ capacity after 10 years in storage, it will be ready to use whenever needed.

Unbeatable cycle life

Each time an eneloop battery is recharged, it will save on the cost of replacement batteries, whilst at the same time reducing waste.

No "memory effect"

Due to its higher starting voltage, there is no need to worry about the memory effect as the impact is much lower than other rechargeable batteries suffer.

Low self discharge

Innovative technology in the production of eneloop ensures that the battery retains 70%⁽¹⁾ of capacity even after 10 years in storage.

Extreme Temperature Performance

eneloop will maintain its performance at low temperatures (-20°C) far longer than alkaline batteries.

Lasts much longer than Alkaline

Due to its very stable voltage, it will last longer than alkaline batteries.



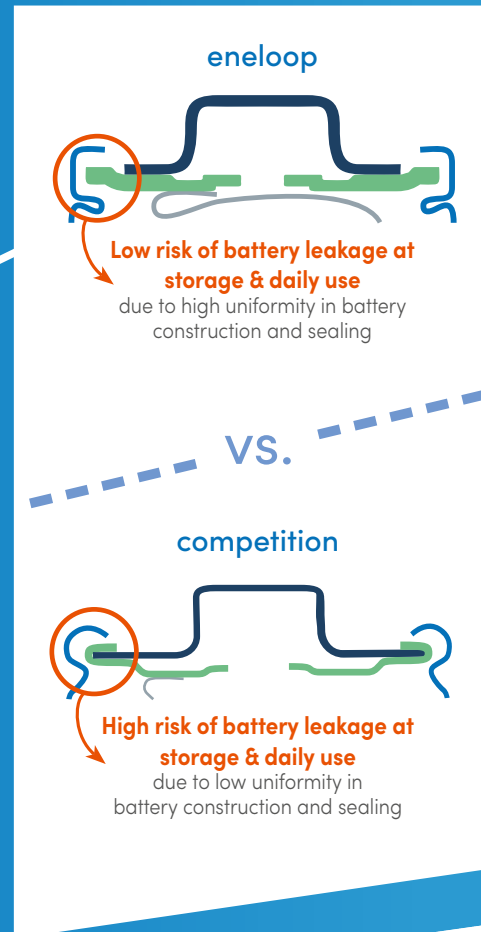
⁽²⁾ Capacity retention based on testing method established by IEC 61951-2 (7.3.2) when stored at 20°C (based on Panasonic's estimation) and compared with minimum capacity. Varies according to conditions of use.

⁽³⁾ Memory effect: see p.9 for more information.

⁽⁴⁾ Operation time will be shorter than that at room temperature. Operating time varies according to equipment.

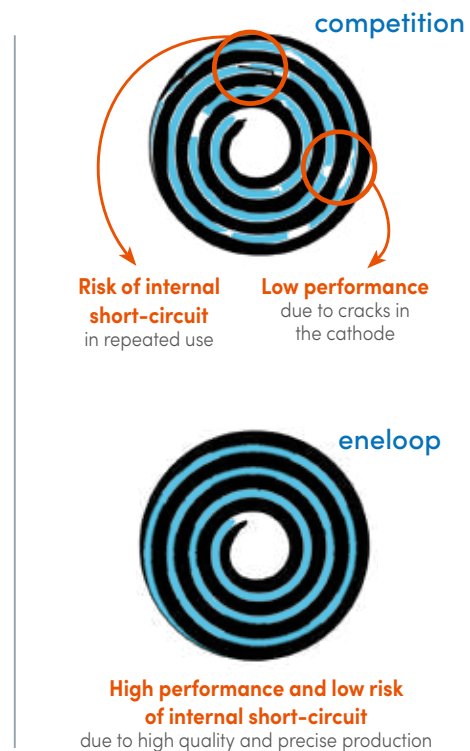
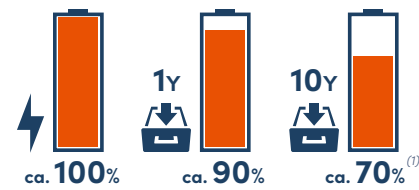
Unbeatable cycle life

eneloop is developed using the latest production technologies and the finest grade materials. Thanks to the use of high grade materials, eneloop batteries have a low self-discharge and they are reusable, cycle by cycle with a stable voltage output. Next to that these innovations result in high conductivity, reliability and durability. By limiting the degradation of the materials, it has been possible to reduce performance decrease during repeated use and thus highly increase the number of times that eneloop batteries can be recharged.

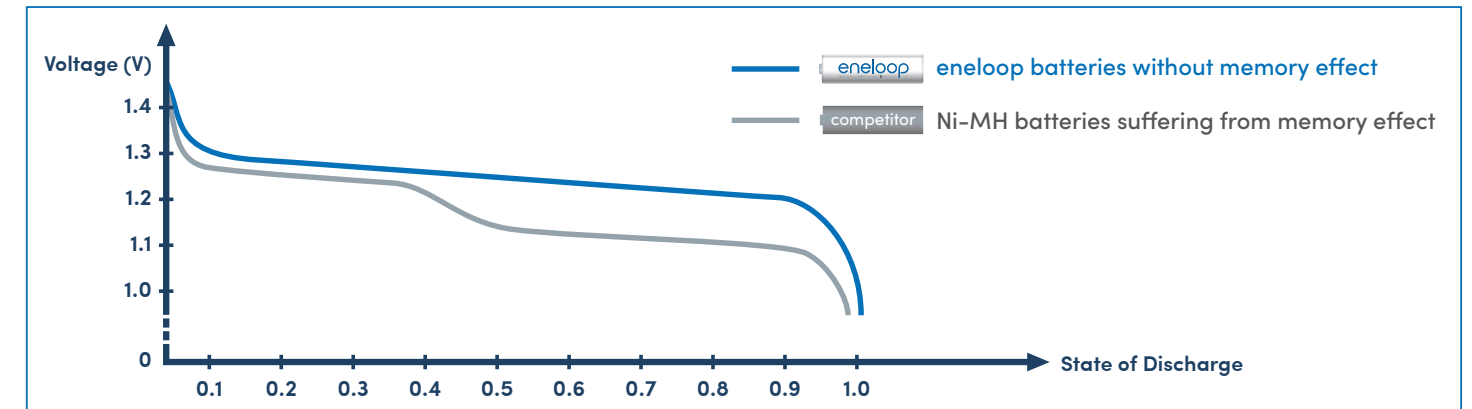


Low self-discharge

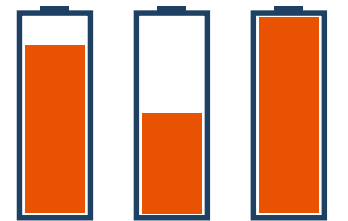
Highest production quality, with high precise production and cutting edge materials ensure an optimized function of the battery. This again realizes a high power and stable discharge performance combined with very low self-discharge.



No “memory-effect”

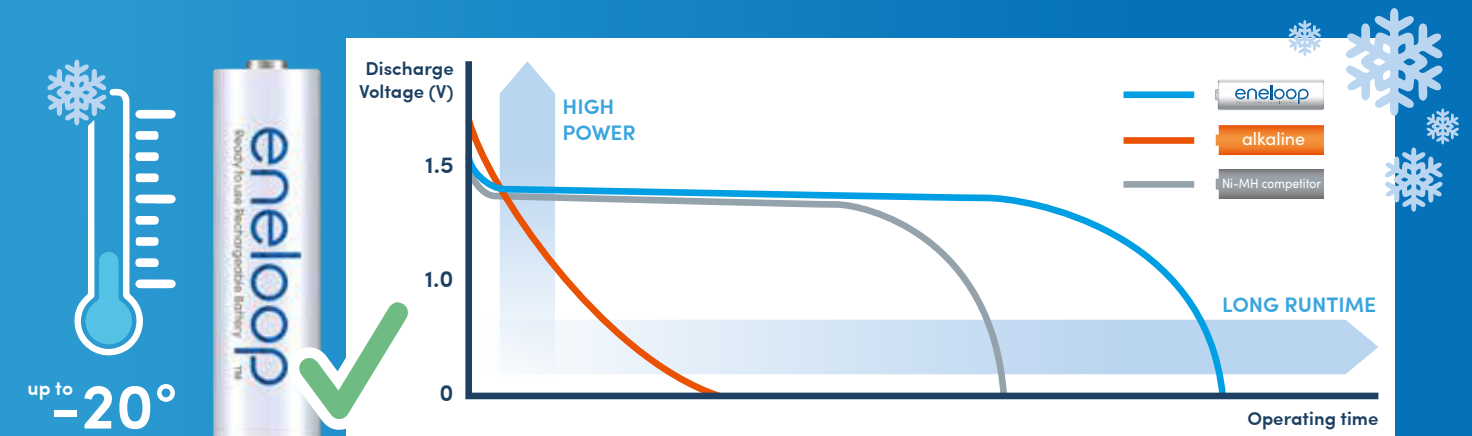


When a rechargeable battery that hasn't been fully discharged, is repeatedly topped up, it “remembers” that it's only been used for a short time. When used again, the voltage may quickly drop. This is called the memory effect. eneloop has a high voltage to begin with and so it maintains enough voltage even if this occurs. There's no need to worry about the memory effect.



Even when the batteries are not fully charged/discharged, eneloop can be charged again without quality loss.

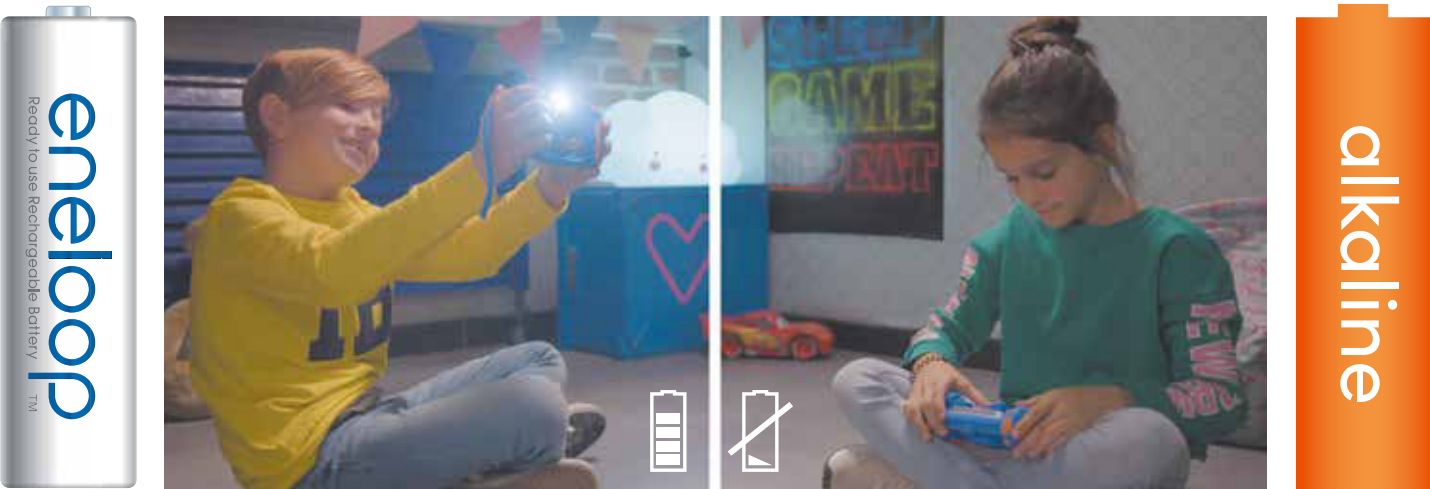
Extreme temperature performance⁽²⁾



⁽¹⁾ Capacity retention based on testing method established by IEC 61951-2 (7.3.2) when stored at 20°C (based on Panasonic's estimation) and compared with minimum capacity. Varies according to conditions of use.

⁽²⁾ Operation time will be shorter than that at room temperature. Operating time varies according to equipment.

eneloop lasts much longer than an alkaline battery



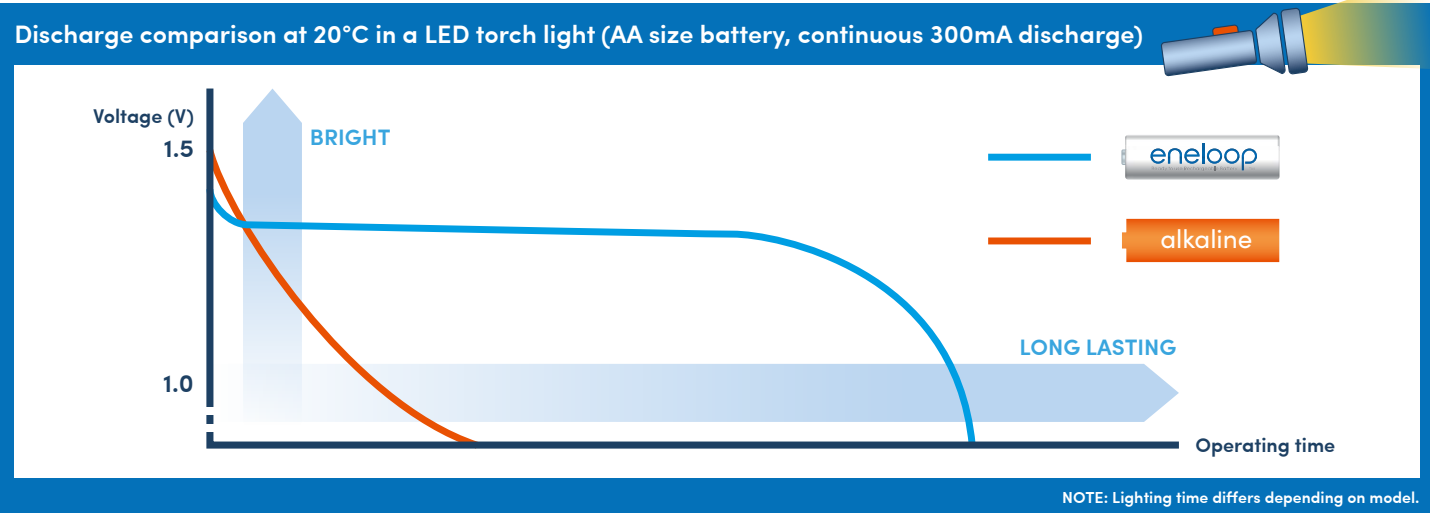
A DEEPER RESERVE OF POWER - A digital camera equipped with eneloop can take nearly 4.5 times as many shots as one equipped with standard alkaline dry cells ⁽¹⁾.

About 530 shots
(lasts about 4.5x longer)

Average alkaline

About 117 shots

Digital camera shots with eneloop vs. alkaline ⁽¹⁾



¹Testing conditions at HR-3UTGA with SANYO DSC-S4 digital camera. One picture taken every 20 seconds. LCD on, and flash used every third shot. Results may vary depending on equipment used and other conditions. Comparison made with eneloop battery and comparable SANYO LR6 alkaline dry cel battery.

Save money with eneloop's unbeatable cycle life

eneloop

Ready to use Rechargeable Battery

+

€ 12.99

+

€ 0.15/charge (x 2000)

€ 332

(example eneloop in Germany - Aug. 2020)

vs.

alkaline batteries

2100x

2100 x € 1.25

€ 2625

(example Pro Power in Germany - Aug. 2020)

€ 2293

On average, families use around 70 batteries every year.³ By switching to eneloop, a single charger makes it possible to charge a year's worth of batteries.

keeps high discharge voltage after long term storage

HIGH POWER BATTERY

One of the main features of eneloop is the higher voltage level. Many applications switch off or show the low battery signal if the voltage drops below 1.1 volt. A traditional Ni-MH battery loses its voltage and quickly drops below this critical level after long term storage. eneloop however will keep the voltage level above 1.1 volt even after long term storage, and will only drop under that limit just before the battery is empty. That is one of the reasons why you can play longer with eneloop vs the competition.



² Battery cycle life 2100 times based on testing method established by IEC 61951-2 (7.5.1.3). 600 times based on IEC 61951-2 2017 (7.5.1.4). Varies according to conditions of use.

³ Number used annually by a family with two adults and two children.




NEW
PLASTIC
FREE
PACKAGING

eneloop™

A solution for your
different needs



eneloop pro™

Perfect choice for high drain devices

eneloop pro is the perfect choice for powering high current consuming devices such as photo flash lights, wireless keyboard & mouse, game controllers, radio controlled cars and a range of household devices. All of the appliances can realize extended performance when powered by eneloop pro batteries.



PRE-CHARGED
with **SOLAR ENERGY**

After **1** year
of storage

Capacity remains **85%**⁽³⁾

USABLE IN LOW TEMPERATURES

-20°



AA ▶ 2500 mAh⁽¹⁾
Minimum capacity

AAA ▶ 930 mAh⁽¹⁾
Minimum capacity

After 1 year
capacity
remains
85%⁽¹⁾

Our packagings
are FSC® certified

The mark of
responsible forestry



500x⁽²⁾
Charge cycles



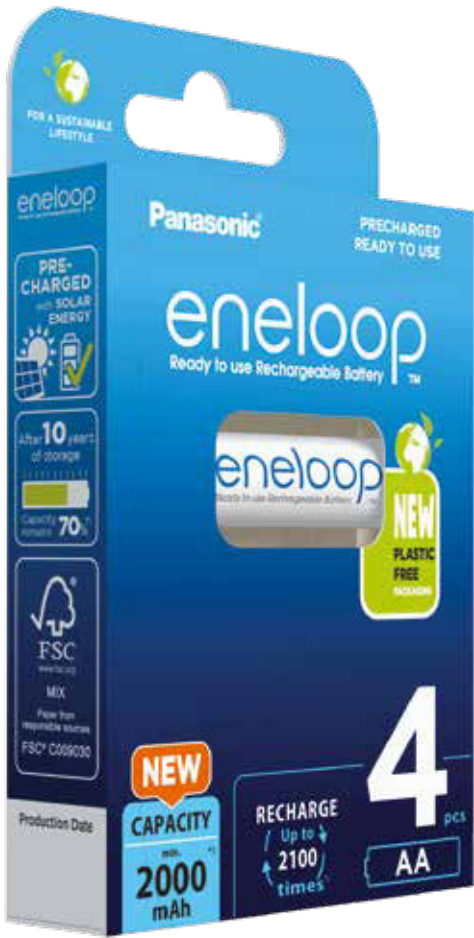
Item code	Size	Min. Capacity	Global Code	CSU EAN	Batteries/ CSU	CSU/ Carton
52333160	AA	2500 mAh	BK-3HCDE/2BE	5410853064145	2	20
52333199	AA	2500 mAh	BK-3HCDE/4BE	5410853064152	4	20
52333180	AA	2500 mAh	BK-3HCDEC4BE	5410853065036	4 + case	10
52363160	AAA	930 mAh	BK-4HCDE/2BE	5410853064237	2	20
52363199	AAA	930 mAh	BK-4HCDE/4BE	5410853064244	4	20
52363180	AAA	930 mAh	BK-4HCDEC4BE	5410853065050	4 + case	10

⁽¹⁾ Panasonic internal IEC 61951-2(7.3.2) testing – varies according to conditions of use.
⁽²⁾ Panasonic internal IEC 61951-2 2011(7.5.1.3) testing; 150 times according to Panasonic internal IEC 61951-2 2017(7.5.1.4) testing.
⁽³⁾ Battery tested at 20°C ambient temperature self-discharge condition 0.2It (E.V.=1.0V)



Long-life, pre-charged, energy and money saving

eneloop is a long-life, pre-charged, energy and money saving, recyclable rechargeable battery which can be charged and discharged up to 2100 times⁽¹⁾.



⁽¹⁾ Panasonic internal IEC 61951-2 2011(7.5.1.3) testing; 600 times according to Panasonic internal IEC 61951-2 2017(7.5.1.4) testing.

PRE-CHARGED
with **SOLAR ENERGY**

After **10** years
of storage

Capacity remains **70%**⁽³⁾

USABLE IN LOW TEMPERATURES

-20°



IMPROVED CAPACITY

AA

+5%

CAPACITY
1900
mAh

NEW

CAPACITY
2000
mAh^{*1}



+ 600 - 1000
hours of gaming

AAA

+7%

CAPACITY
750
mAh

NEW

CAPACITY
800
mAh^{*1}



+ 600 - 1000
hours of radio

AA ▶ 2000 mAh⁽¹⁾
Minimum capacity

AAA ▶ 800 mAh⁽¹⁾
Minimum capacity

After 10 years
capacity
remains
70%⁽¹⁾

Our packagings
are FSC® certified



The mark of
responsible forestry



2100x⁽²⁾
Charge cycles



Item code	Size	Min. Capacity	Global Code	CSU EAN	Batteries/ CSU	CSU/ Carton
52332160	AA	2000 mAh	BK-3MCDE/2BE	5410853064176	2	20
52332199	AA	2000 mAh	BK-3MCDE/4BE	5410853064190	4	20
52332181	AA	2000 mAh	BK-3MCDEC4BE	5410853065043	4 + case	10
52332149	AA	2000 mAh	BK-3MCDE/8BE	5410853064213	8	10
52362160	AAA	800 mAh	BK-4MCDE/2BE	5410853064268	2	20
52362199	AAA	800 mAh	BK-4MCDE/4BE	5410853064305	4	20
52362181	AAA	800 mAh	BK-4MCDEC4BE	5410853065067	4 + case	10
52362149	AAA	800 mAh	BK-4MCDE/8BE	5410853064329	8	10
52302191	AA/AAA	2000/800 mAh	BK-KJMCDE44E	5410853064879	4 + 4	10

⁽¹⁾ Panasonic internal IEC 61951-2(7.3.2) testing – varies according to conditions of use.
⁽²⁾ Panasonic internal IEC 61951-2 2011(7.5.1.3) testing; 600 times according to Panasonic internal IEC 61951-2 2017(7.5.1.4) testing.
⁽³⁾ Battery tested at 20°C ambient temperature self-discharge condition 0.2It (E.V.=1.0V)



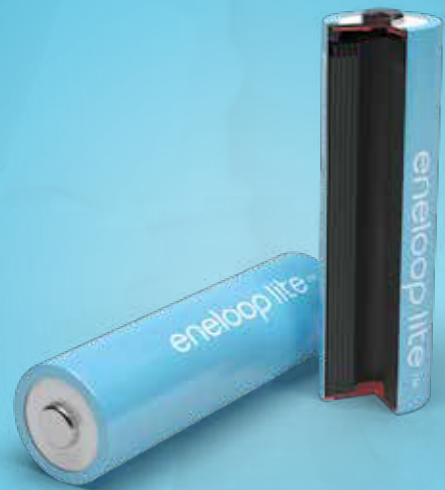
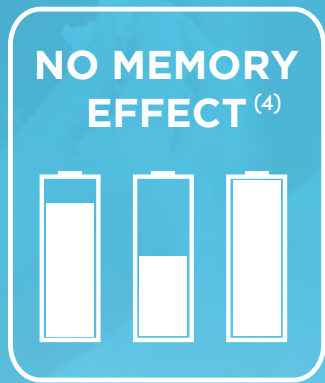
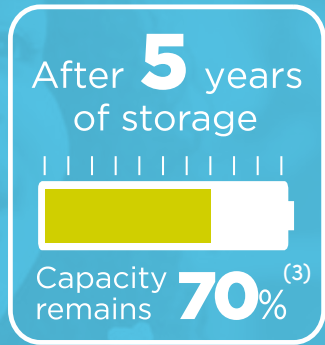
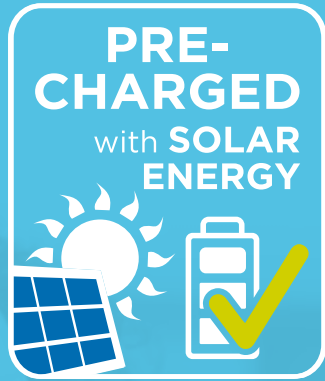
eneloop lite™

Ideal for devices requiring low-to-medium power

eneloop lite batteries are ideal for devices requiring low-to-medium power, such as DECT phones and remote controls. They can be recharged up to 3000 times⁽¹⁾ which makes it even more economically and environment-friendly.



⁽¹⁾ Panasonic internal IEC 61951-2 2011(7.5.1.3) testing; 1000 times according to Panasonic internal IEC 61951-2 2017(7.5.1.4) testing.



eneloop lite™

AA ▶ 950 mAh⁽¹⁾
Minimum capacity

AAA ▶ 550 mAh⁽¹⁾
Minimum capacity

After 5 years
capacity
remains
70%⁽¹⁾

Our packagings
are FSC® certified



The mark of
responsible forestry
















3000x⁽²⁾
Charge cycles



Item code	Size	Min. Capacity	Global Code	CSU EAN	Batteries/ CSU	CSU/ Carton
52331160	AA	950 mAh	BK-3LCCE/2BE	5410853064220	2	20
52361160	AAA	550 mAh	BK-4LCCE/2BE	5410853064336	2	20
52361162	AAA	550 mAh	BK-4LCCE/2DE	5410853065005	2	20
52361199	AAA	550 mAh	BK-4LCCE/4BE	5410853064350	4	20

⁽¹⁾ Panasonic internal IEC 61951-2(7.3.2) testing – varies according to conditions of use.
⁽²⁾ Panasonic internal IEC 61951-2 2011(7.5.1.3) testing; 1000 times according to Panasonic internal IEC 61951-2 2017(7.5.1.4) testing.
⁽³⁾ Battery tested at 20°C ambient temperature self-discharge condition 0.2It (E.V.=1.0V). ⁽⁴⁾ More info about "Memory Effect" on p. 19

Comparison chart

	<div></div> <div>eneloop pro BK-3HCDE BK-4HCDE</div>	<div></div> <div>eneloop BK-3MCDE BK-4MCDE</div>	<div></div> <div>eneloop lite BK-3LCCE BK-4LCCE</div>
Capacity (AA) ⁽¹⁾	min. 2500 mAh up to 2550 mAh	min. 2000 mAh up to 2100 mAh	min. 950 mAh up to 1000 mAh
Capacity (AAA) ⁽¹⁾	min. 930 mAh up to 950 mAh	min. 800 mAh up to 850 mAh	min. 550 mAh up to 600 mAh
Charging cycles ⁽²⁾	up to 500 times	up to 2100 times	up to 3000 times
Type	High capacity For high drain devices	Low self-discharge For multi-use	Basic rechargeable For daily use
Ideal for	DSLR flash, Radio Control Cars, Wireless Devices <div></div>	Digital Cameras, Beauty & Health, Games & Toys, Torch lights, DECT Phones <div> </div>	DECT Phones, Remote Controls, Daily Use <div></div>

Battery runtime beginning from charged state. It varies depending on conditions of use, model used, ambient temperature & conditions of equipment.
⁽¹⁾ Panasonic internal IEC61951-2(7.3.2) testing – varies according to conditions of use
⁽²⁾ Panasonic internal IEC 61951-2 2011(7.5.1.3) testing; eneloop pro: 150 times, eneloop: 600 times, eneloop lite: 1000 times according to Panasonic internal IEC 61951-2 2017(7.5.1.4) testing.

Performance chart

	<div></div> <div>eneloop pro</div>	<div></div> <div>eneloop</div>	<div></div> <div>eneloop lite</div>	<div></div> <div>alkaline battery</div>
<div></div> <div>DSLR flash</div>	± 800 shots	± 600 shots	± 300 shots	± 100 shots
<div></div> <div>Radio Control Car</div>	± 3 hours	± 2 hours	± 1 hour	± 1 hours
<div></div> <div>Wireless Devices</div>	± 100 days	± 80 days	± 40 days	± 110 days
<div></div> <div>Toys</div>	± 8 hours	± 6 hours	± 3 hours	± 7 hours
<div></div> <div>Digital Cameras</div>	± 1200 shots	± 1000 shots	± 500 shots	± 250 shots
<div></div> <div>Beauty & Health</div>	± 4 hours	± 3 hours	± 1.5 hours	± 2 hours
<div></div> <div>LED Torch lights</div>	± 7 hours	± 5 hours	± 2.5 hours	± 5 hours
<div></div> <div>Games & Toys</div>	± 30 hours	± 20 hours	± 10 hours	± 30 hours
<div></div> <div>Daily Use</div>	± 2 years	± 2 years	± 1 year	± 2 years
<div></div> <div>DECT Phones</div>	± 70 hours (AAA in standby mode) ⁽³⁾	± 60 hours (AAA in standby mode) ⁽³⁾	± 40 hours (AAA in standby mode) ⁽³⁾	—

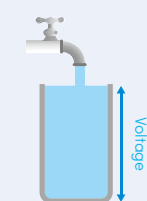
Note: The above specifications are based on the theoretical capacity of the battery and the consumption power rate of the equipment. Results may vary greatly depending on the conditions of use, models used, ambient temperature, and equipment condition. Runtime of eneloop duct is measured with battery fully charged. Performance time may be shorter if the battery has been left unused for a period of time after being fully charged. All data is approximate. Runtime specifications may be different when eneloop is used with appliances not included in the table.
⁽³⁾ Expected power consumption: 12.5mA



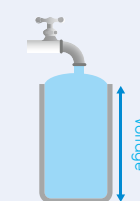
The ideal charger for your eneloop Ready to Use rechargeable batteries

eneloop offers an extensive range of chargers to partner your eneloop batteries. From entry level chargers to chargers developed for professional users, we offer chargers for everyone's needs.

Charging techniques explained



Smart Charge
detects voltage and stops charging just before overflow, to extend the battery life.




Delta V ($-\Delta V$)
detects the voltage and stops charging just after overflow.



Timer Cut
recharges for a preset time, even if the battery is full.

Chargers

PROFESSIONAL CHARGER




READY IN
2h^{*1}
AA 2 CELLS

PRO CHARGER - BQ-CC65

- ▶ Rapid Charge – 2x AA (2500 mAh): ± 2 hours / 4x AA (930 mAh): ± 4 hours
- ▶ Individual battery charge control (Smart Charge⁽²⁾)
- ▶ Can charge 1, 2, 3 or 4 batteries at the same time
- ▶ Possibility to charge your phone via integrated USB port
- ▶ Large LCD showing battery status: Battery Capacity / Life Check / Discharge Mode
- ▶ Can be used all over the world (100-240V / 50-60Hz)
- ▶ Connected via AC cable (included)

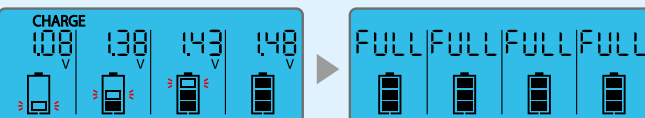
More information:



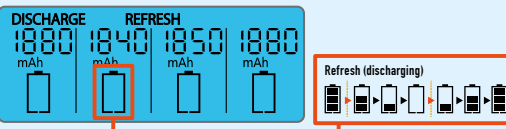
LCD Display

- ▶ LCD Status shows the remaining voltage/operation time
- ▶ Eco Counter (number of batteries charged / saved from entering landfill)
- ▶ End of Life advanced warnings
- ▶ Abnormality Detection for non rechargeable batteries
- ▶ Maintenance Mode information
- ▶ Discharge Function including battery condition


Charging




Refresh (Discharging)



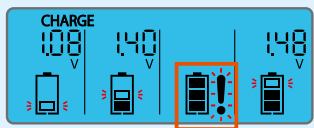
Abnormal



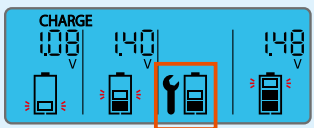
Eco Counter



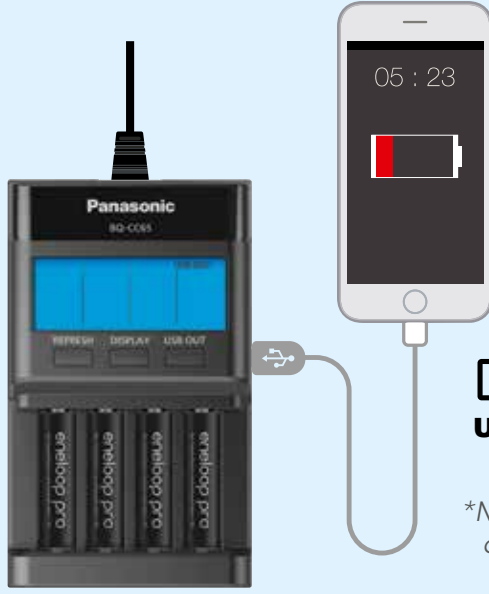
End of Cycle Life is near



Maintenance Charging



Charge mobiles and tablets via the USB output



USB-OUT

**Note: USB cable not included*

⁽¹⁾ Based on internal testing.
⁽²⁾ This charger has a "Smart Charge" function which checks the voltage and temperature of a battery automatically. Thanks to the "Smart Charge" function, it saves charging time and loss of energy and money.

Chargers

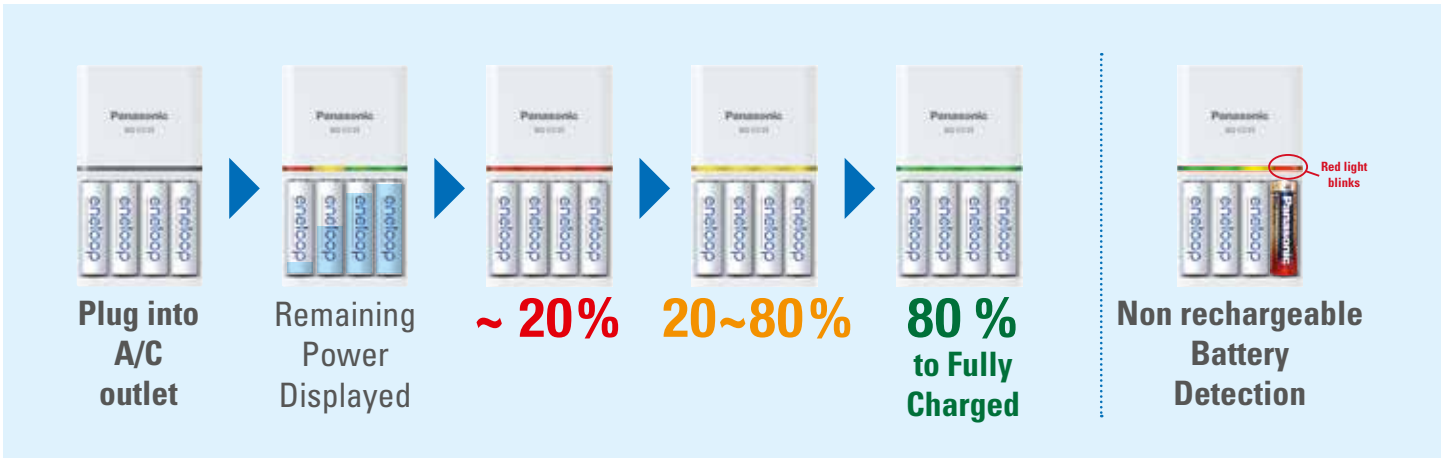
STANDARD 4-SLOT CHARGERS


SMARTPLUS CHARGER - BQ-CC55

- ▶ Rapid Charge – 2x AA (2000 mAh): ± 1.5 hours / 4x AA (800 mAh): ± 3 hours
- ▶ Can charge 1, 2, 3 or 4 batteries at the same time
- ▶ Individual battery charge control (Smart Charge⁽²⁾)
- ▶ 4 LED's indicate charging status (see picture below)
- ▶ Can be used all over the world (100-240V / 50-60Hz)
- ▶ Fixed plug
- ▶ Available in black or white

READY IN
1 1/2h^{*1}
AA 2 CELLS







READY IN
7h^{*1}
AA 4 CELLS

SMART CHARGER - BQ-CC17

- ▶ Charging time – AA (2000 mAh): ± 7 hours / AAA (800 mAh): ± 6 hours
- ▶ Can charge 1, 2, 3 or 4 batteries at the same time
- ▶ Individual battery charge control (Delta V⁽³⁾)
- ▶ 4 LED's indicate charging status (ON = charging; OFF = fully charged)
- ▶ Can be used all over the world (100-240V / 50-60Hz)
- ▶ Fixed plug

⁽³⁾ - Delta V: detects voltage drop just after full-charge and stops charging.

FREQUENT CHARGING / OFFICE CHARGER



READY IN
5h¹
AA 2 CELLS

SMART 8 CHARGER - BQ-CC63

- ▶ Charging time – AA (2000 mAh): ± 5 hours / AAA (800 mAh): ± 3 hours
- ▶ Can charge 1, 2, 3, 4, 5, 6, 7 or 8 batteries at the same time
- ▶ Individual battery charge control (Delta V⁽³⁾)
- ▶ 8 LED's indicate charging status (ON = charging; OFF = fully charged)
- ▶ Can be used all over the world (100-240V / 50-60Hz)
- ▶ Connected via AC cable (included)



Individual Charge



Non rechargeable Battery Detection

ENTRY CHARGERS



READY IN
10h¹
AA 2 CELLS

COMPACT CHARGER - BQ-CC50

- ▶ Charging time – AA (2000 mAh): ± 10 hours / AAA (800 mAh): ± 10 hours
- ▶ Can charge 1 or 2 batteries at the same time
- ▶ Charging control: individual Timer Cut⁽⁴⁾ (13 hours)
- ▶ 2 LED's indicate charging status (ON = charging; OFF = fully charged - Timer Cut⁽⁴⁾)
- ▶ Can be used all over the world (100-240V / 50-60Hz)
- ▶ Fixed plug

⁽¹⁾ Based on internal testing. Varies according to conditions of use.

⁽²⁾ This charger has a "Smart Charge" function which checks the voltage and temperature of a battery automatically. Thanks to the "Smart Charge" function, it saves charging time and loss of energy and money.

BASIC CHARGER - BQ-CC51

READY IN
10h¹
AA 4 CELLS



- ▶ Charging time – AA (2000 mAh): ± 10 hours / AAA (800 mAh): ± 10 hours
- ▶ Can charge 2 or 4 batteries at the same time
- ▶ Charging control: Timer Cut⁽⁴⁾ (13 hours)
- ▶ 2 LED's indicate charging status per battery pair (ON = charging; OFF = fully charged - Timer Cut⁽⁴⁾)
- ▶ Can be used all over the world (100-240V / 50-60Hz)
- ▶ Fixed plug

USB-IN CHARGERS



READY IN
2¼h¹
AA 2 CELLS

SMARTPLUS USB TRAVEL CHARGER - BQ-CC87

- ▶ Charging time – AA (2000 mAh): ± 2.25 hours / AAA (800 mAh): ± 2 hours
- ▶ Can charge 1, 2, 3 or 4 batteries at the same time
- ▶ Individual battery charge control (Smart Charge⁽²⁾)
- ▶ 4 LED's indicate charging status per battery
- ▶ USB cable included

BASIC USB CHARGER - BQ-CC61

READY IN
10h¹
AA 4 CELLS



- ▶ Charging time – AA (2000 mAh): ± 10 hours / AAA (800 mAh): ± 10 hours
- ▶ Can charge 2 or 4 batteries at the same time
- ▶ Charging control: Timer Cut⁽⁴⁾ (10 hours)
- ▶ 2 LED's indicate charging status per battery pair (ON = charging; OFF = fully charged - Timer Cut⁽⁴⁾)
- ▶ USB cable included

⁽³⁾ Δ - Delta V^Δ: detects voltage drop just after full-charge and stops charging.

⁽⁴⁾ "Timer Cut": charging stops after a preset time.

Chargers



CSU EAN	Global Code	Batteries included	Battery Size	Plug	Charger dimensions	Charger net weight	Chargers/ Carton
5410853063957	BQ-CC65E	—	—	EU	147 x 88 x 40 mm	209 g ⁽¹⁾	4
5410853063926	BQ-CC55E	—	—	EU	120 x 68 x 65.6 mm	124 g	8
5410853063919	K-KJ55HCD40E	4x eneloop pro	AA	EU	120 x 68 x 65.6 mm	124 g	8
5410853063964	K-KJ55HCD40U	4x eneloop pro	AA	UK	120 x 68 x 61.7 mm	132 g	8
5410853063933	K-KJ55MCD40E	4x eneloop	AA	EU	120 x 68 x 65.6 mm	124 g	8
5410853065173	K-KJ55MCD40U	4x eneloop	AA	UK	120 x 68 x 61.7 mm	132 g	8
5410853063865	K-KJ17MCD40E	4x eneloop	AA	EU	105 x 65 x 64.2 mm	107 g	8
5410853063940	BQ-CC63E	—	—	EU	119 x 147 x 29 mm	240 g ⁽¹⁾	4
5410853060000	BQ-CC63U	—	—	UK	119 x 147 x 29 mm	240 g ⁽¹⁾	4
5410853063889	BQ-CC51E	—	—	EU	108 x 66 x 64.5 mm	100 g	8
5410853063896	K-KJ51MCD40E	4x eneloop	AA	EU	108 x 66 x 64.5 mm	100 g	8
5410853063902	K-KJ51MCD04E	4x eneloop	AAA	EU	108 x 66 x 64.5 mm	100 g	8
5410853063872	K-KJ50MCD20E	2x eneloop	AA	EU	121 x 50 x 64.7 mm	85 g	8
5410853063971	BQ-CC61USB	—	—	USB	85 x 66 x 27.5 mm	65 g ⁽¹⁾	8
5410853063988	K-KJ61MCD40USB	4x eneloop	AA	USB	85 x 66 x 27.5 mm	65 g ⁽¹⁾	8
5410853063995	BQ-CC87USB	—	—	USB	85 x 66 x 28.5 mm	85 g ⁽¹⁾	8
5410853065159	K-KJ87MCD40USB	4x eneloop	AA	USB	85 x 66 x 28.5 mm	85 g ⁽¹⁾	8

⁽¹⁾ Excluding AC cord or USB cable.

Chargers



Charger overview

PROFESSIONAL



BQ-CC65

**PRO
CHARGER**

STANDARD CHARGERS



BQ-CC55
K-KJ55MCD

**SMARTPLUS
CHARGER**



BQ-CC17
K-KJ17MCD


**SMART
CHARGER**

OFFICE CHARGER



BQ-CC63

**SMART 8
CHARGER**

Battery Type		Ni-MH		Ni-MH		Ni-MH	Ni-MH
Charging Time		1 / 2 pcs	3 / 4 pcs	1 / 2 pcs	3 / 4 pcs	1 – 4 pcs	1 – 8 pcs
 eneloop pro	AA	2 hrs	4 hrs	2 hrs	4 hrs	9 hrs	6 hrs
	AAA	2 hrs	4 hrs	2 hrs	4 hrs	7 hrs	3.5 hrs
 eneloop	AA	1.5 hrs	3 hrs	1.5 hrs	3 hrs	7 hrs	5 hrs
	AAA	1.5 hrs	3 hrs	1.5 hrs	3 hrs	6 hrs	3 hrs
 eneloop lite	AA	0.75 hrs	1.5 hrs	0.75 hrs	1.5 hrs	3.5 hrs	2.5 hrs
	AAA	1.25 hrs	2.5 hrs	1.25 hrs	2.5 hrs	5 hrs	2.5 hrs
Specifications							
Input		AC100-240V 50-60Hz		AC100-240V 50-60Hz		AC100-240V 50-60Hz	
Charging output		DC 5V 1A / USB-A 1-slot DC 1.5V AA 750mA x 4 DC 1.5V AAA 275mA x 4		DC 1.5V AA 750mA x 4 AAA 275mA x 4		DC 1.5V AA 300mA x 4 AAA 150mA x 4	
Charging control		Smart Charge ⁽¹⁾		Smart charge ⁽¹⁾		Delta V ⁽¹⁾	
Indicator		LCD display : Battery capacity - Life check Discharge mode		LED x 4 Charging: ON, Fully charged: OFF		LED x 4 Charging: ON, Fully charged: OFF	
Charger battery		AA x 1 – 4 cells AAA x 1 – 4 cells		AA x 1 – 4 cells AAA x 1 – 4 cells		AA x 1 – 4 cells AAA x 1 – 4 cells	
Dimensions (approx.)		L x W x D: 147 x 88 x 40 mm		L x W x D: 121 x 68 x 76 mm		L x W x D: 105 x 65 x 65 mm	
Weight (approx.)		225g (without AC cord)		EU: 124g / UK: 131g		107g	

⁽¹⁾ Explanation charging controls: see p. 35

ENTRY CHARGERS



BQ-CC51

**BASIC
CHARGER**



BQ-CC50
K-KJ50MCD

**COMPACT
CHARGER**

USB-IN CHARGERS





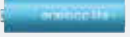
BQ-CC87
K-KJ87MCD

**SMARTPLUS USB
TRAVEL CHARGER**



BQ-CC61
K-KJ61MCD

**BASIC
USB CHARGER**

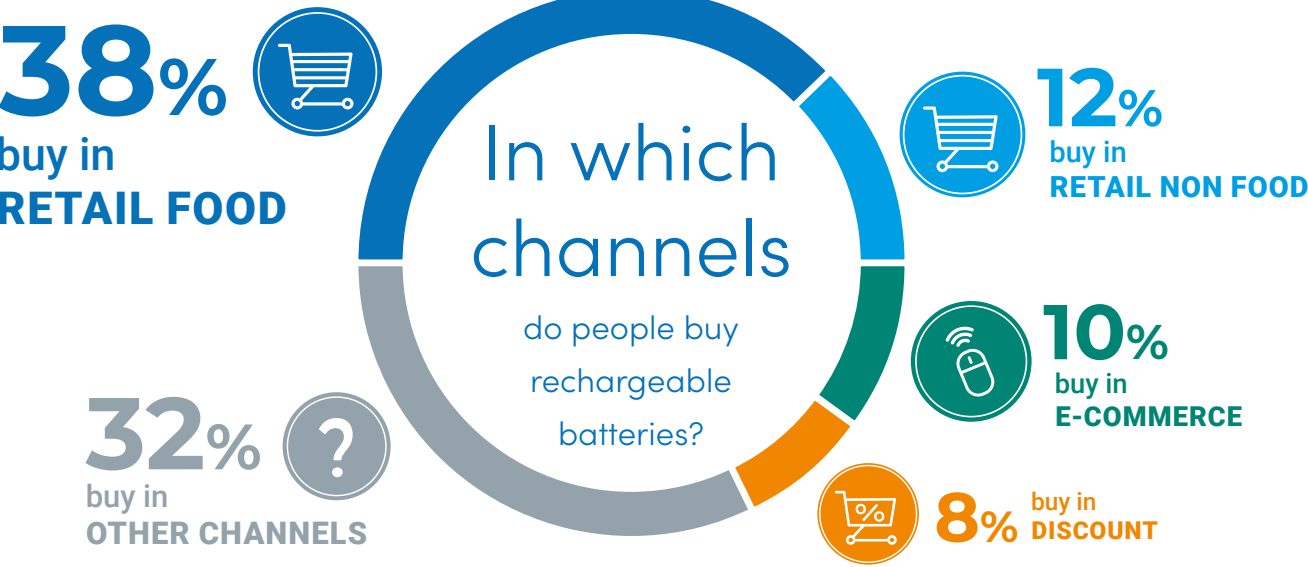
Ni-MH		Ni-MH		Ni-MH		Ni-MH		Battery Type					
2 / 4 pcs		1 - 2 pcs		1 / 2 pcs		3 / 4 pcs		2 / 4 pcs		Charging Time			
12 hrs		12 hrs		2 hrs		4 hrs		not fully charged		AA 			
12 hrs		12 hrs		2 hrs		4 hrs		not fully charged		AAA eneloop pro			
10 hrs		10 hrs		1.5 hrs		3 hrs		10 hrs		AA 			
10 hrs		10 hrs		1.5 hrs		3 hrs		10 hrs		AAA eneloop			
5 hrs		5 hrs		0.75 hrs		1.5 hrs		5 hrs		AA 			
8 hrs		8 hrs		1.25 hrs		2.5 hrs		8 hrs		AAA eneloop lite			
Specifications													
AC100-240V 50-60Hz			AC100-240V 50-60Hz			DC 5V			DC 5V			Input	
DC 3V AA 200mA x 2 AAA 80mA x 2			DC 1.5V AA 200mA x 2 AAA 80mA x 2			DC 1.5V / DC 5V USB-A 1-slot AA 750mA x 4 AAA 275mA x 4			DC 3V AA 200mA x 2 AAA 80mA x 2			Charging output	
Timer cut ⁽¹⁾ (13 hours)			Timer cut ⁽¹⁾ (13 hours) individual			Smart charge ⁽¹⁾			Timer cut ⁽¹⁾ (10 hours)			Charging control	
LED x 2 Charging: ON, Fully charged: OFF			LED x 2 Charging: ON, Fully charged: OFF			LED x 4 Charging: ON, Fully charged: OFF			LED x 2 Charging: ON, Fully charged: OFF			Indicator	
AA x 2 or 4 cells AAA x 2 or 4 cells			AA x 1 - 2 cells AAA x 1 - 2 cells			AA x 1 - 4 cells AAA x 1 - 4 cells			AA x 2 or 4 cells AAA x 2 or 4 cells			Charger battery	
L x W x D: 108 x 66 x 65.1 mm			L x W x D: 121 x 50 x 66.2 mm			L x W x D: 85 x 66 x 29 mm			L x W x D: 85 x 66 x 27 mm			Dimensions (approx.)	
EU: 100g / UK: 110g			86g			89g (without USB cord)			78g (without USB cord)			Weight (approx.)	

Shopper insights

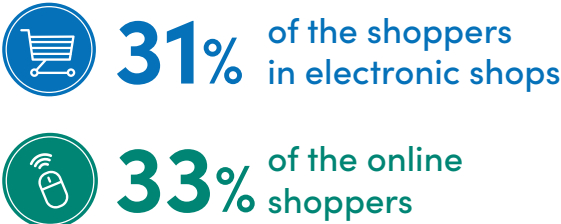


Main reasons to buy rechargeable batteries

Cycle life is one of the most important motivating factors for buying rechargeable batteries.



Search info **BEFORE** purchasing



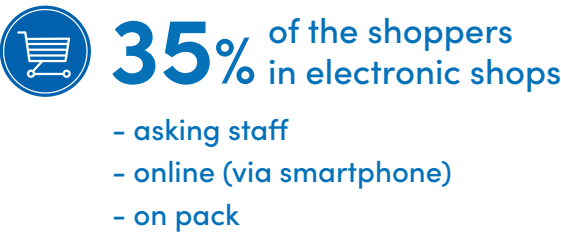
vs. 23% in average



eneloop channel shoppers (electro & online) need a LOT OF INFORMATION before & during purchase



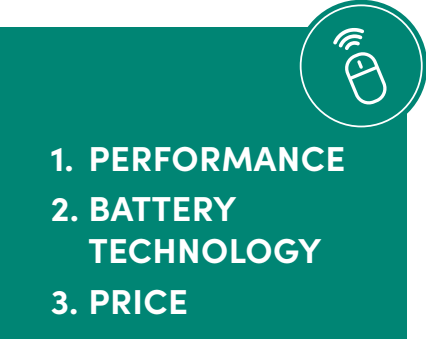
Search info **WHILE** purchasing



vs. 25% in average

Even when purchases are done OFFLINE (electronic shop), people search ONLINE for info on the product (both before and while purchasing)
ROPO: Research Online Purchase Offline

WHAT INFO ARE THEY SEARCHING FOR?



Source: Haystack rechargeable online survey July 2018 n:2007 in Germany, Poland, UK, Italy & France.

New eneloop POS materials

floor display



**BOOST YOUR SALES
WITH ATTRACTIVE
POS MATERIALS!**



online banners



blister-sized leaflet

posters



magnetic topcards

totem



roll up



L-shaped communication panel, hook communication, floor stickers



Display overview

2H / 3H magnetic hang display

2H METAL HANG DISPLAY

- Compact hang display
- Ideal for 2x single blisters
- Includes price tags
- Height: 360 mm / Width: 105 mm
- Net weight: 0.708 kg
- N° of hooks: 2 (flexi)
- Hook length: 18 cm
- Max # AA/4BP per hook: 12
- Max # AAA/4BP per hook: 16
- Max # chargers per hook: 3

3H METAL HANG DISPLAY

- Compact hang display
- Ideal for 2x single blisters and 1x chargers
- Includes price tags
- Height: 490 mm / Width: 105 mm
- Net weight: 0.787 kg
- N° of hooks: 3 (flexi)
- Hook length: 18 cm
- Max # AA/4BP per hook: 12
- Max # AAA/4BP per hook: 16
- Max # chargers per hook: 3



eneloop floor display

- Fully created out of ecological materials: carton and bamboo
- Great product visibility
- Optimal placement for both battery packs and charger packs
- Height: 160 cm / Width: 62 cm / Depth: 35 cm
- Net weight: 24 kg

Online communication



www.panasonic-eneloop.eu

eneloop's Partner Portal

where you can find all relevant Marketing and product information



- Product spec sheets
- Packaging spec sheets
- Display information
- Sales folders
- Charger manuals
- Certificates
- Product visuals
- Lifestyle visuals
- Advertisement
- Logo's
- ...



<https://partner.advanced-power-solutions.com>

Where to buy eneloop batteries?



Please follow the link of the QR-code to find a local dealer or webshop.

Go to: www.panasonic-eneloop.eu

YouTube



eneloopglobal

Find us on Facebook



eneloop.eu

Follow us on Instagram



eneloop_europe



Also interested in other Panasonic solutions? Please see our Panasonic Battery Catalogue 2021



Cross reference

AA			
	High	Middle	Low
Blister			
Subbrand	eneloop pro	eneloop	eneloop lite
Min. capacity ⁽¹⁾	2500 mAh	2000 mAh	950 mAh
Cycle life ⁽²⁾	500 times	2000 times	3000 times
Low self discharge ⁽¹⁾	up to 85% after 1 year	up to 70% after 10 years	up to 70% after 5 years
Charge	0 ~40°C	0 ~40°C	0 ~40°C
Discharge	-20 — 50°C	-20 — 50°C	-20 — 50°C

AAA			
	High	Middle	Low
Blister			
Subbrand	eneloop pro	eneloop	eneloop lite
Min. capacity ⁽¹⁾	930 mAh	800 mAh	550 mAh
Cycle life ⁽²⁾	500 times	2000 times	3000 times
Low self discharge ⁽¹⁾	up to 85% after 1 year	up to 70% after 10 years	up to 70% after 5 years
Charge	0 ~40°C	0 ~40°C	0 ~40°C
Discharge	-20 — 50°C	-20 — 50°C	-20 — 50°C

⁽¹⁾ Panasonic internal IEC61951-2(7.3.2) testing (varies according to conditions of use).
⁽²⁾ Panasonic internal testing IEC61951-2 2011(7.5.1.3); 150 cycles (eneloop pro), 600 cycles (eneloop) and 1000 cycles (eneloop lite) according to IEC61951-2 2017(7.5.1.4).

Technical specifications

eneloop pro

Model N°	Size	Technology	Voltage	Capacity	Height	Diameter	Weight
BK-3HCDE	AA	Rechargeable Ni-MH	1.2 V	min. 2500 mAh	50.4 mm	14.5 mm	30 g
BK-4HCDE	AAA	Rechargeable Ni-MH	1.2 V	min. 900 mAh	44.5 mm	10.5 mm	13 g

eneloop

Model N°	Size	Technology	Voltage	Capacity	Height	Diameter	Weight
BK-3MCDE	AA	Rechargeable Ni-MH	1.2 V	min. 2000 mAh	50.4 mm	14.35 mm	28 g
BK-4MCDE	AAA	Rechargeable Ni-MH	1.2 V	min. 800 mAh	44.5 mm	10.5 mm	13 g

eneloop lite

Model N°	Size	Technology	Voltage	Capacity	Height	Diameter	Weight
BK-3LCCE	AA	Rechargeable Ni-MH	1.2 V	min. 950 mAh	50.4 mm	14.2 mm	19 g
BK-4LCCE	AAA	Rechargeable Ni-MH	1.2 V	min. 550 mAh	44.5 mm	10.5 mm	11 g

eneloop for DECT

Model N°	Size	Technology	Voltage	Capacity	Height	Diameter	Weight
BK-4LCCE	AAA	Rechargeable Ni-MH	1.2 V	min. 550 mAh	44.5 mm	10.5 mm	11 g

www.panasonic-eneloop.eu
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