

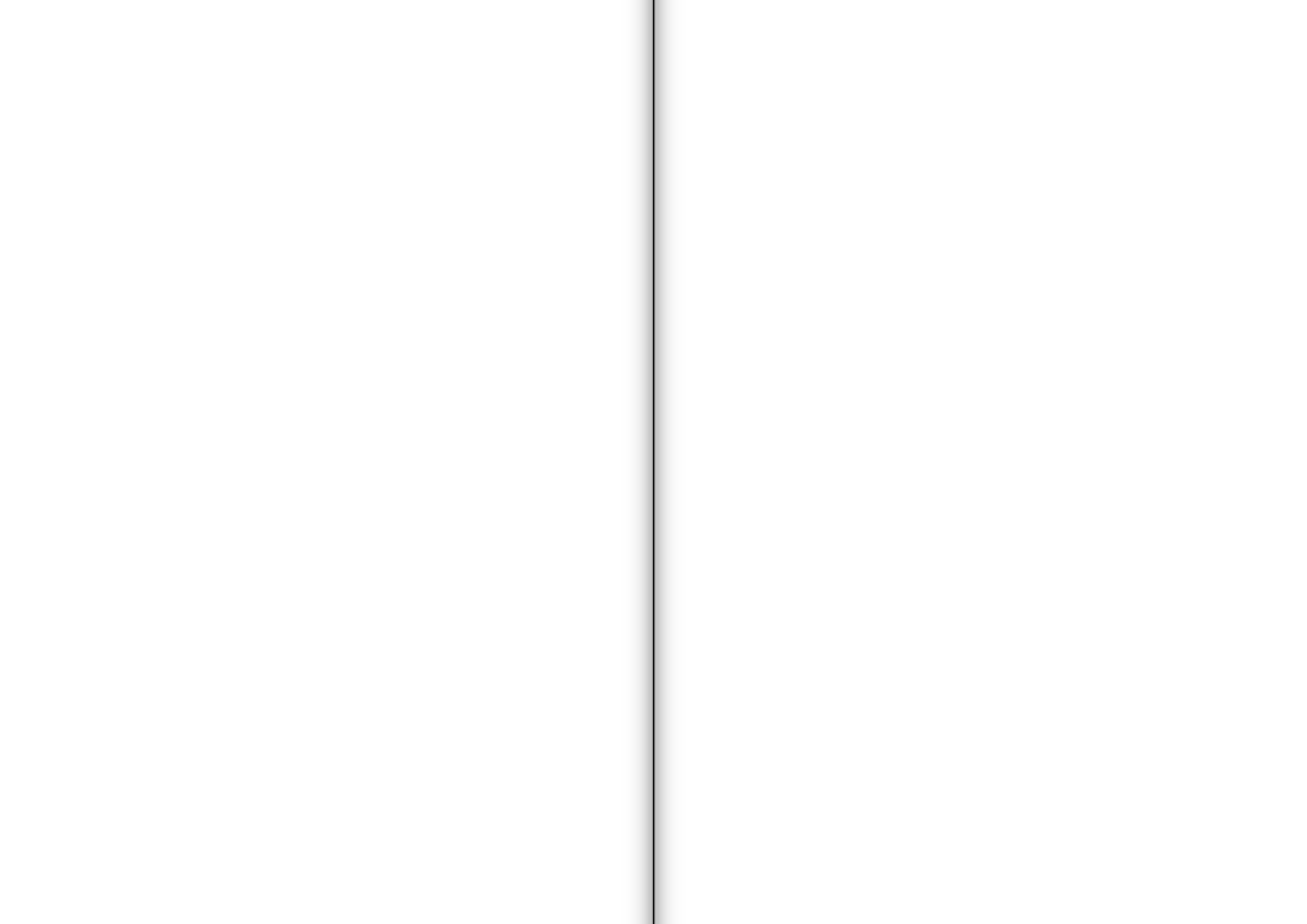


# eneloop

Ready to use Rechargeable Battery

Catalogue 2017-2018

**Panasonic**



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# A Better Life, A Better World

Panasonic is committed to creating a better life and a better world, continuously contributing to the evolution of society and to the happiness of people around the globe.



## Panasonic Worldwide Group

### Worldwide leading enterprise

Panasonic Corporation Inc. is one of the largest electronic product manufacturers in the world. It manufactures and markets a wide range of products under the Panasonic brand to enhance and enrich lifestyles all around the globe.

<b>Company name:</b>	Panasonic Corporation
<b>Head Office Location:</b>	Osaka – Japan
<b>President:</b>	Kazuhiro Tsuga
<b>Foundation:</b>	March, 1918 (incorporated in December, 1935)
<b>Net sales<sup>(1)</sup>:</b>	7,553.7 billion yen
<b>Number of employees<sup>(1)</sup>:</b>	249,520
<b>Number of consolidated Companies<sup>(1)</sup>:</b>	475 (including parent company)

## Panasonic - A powerful Global Brand

**N° 1** Best Global  
Green Brand 2014  
in Electronics Sector\*

**68th** Best Global  
Brand 2016\*



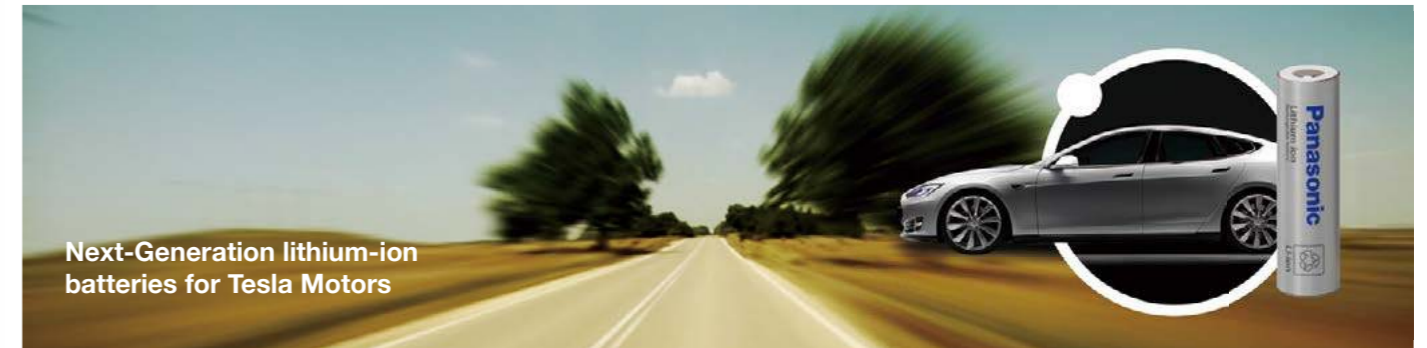
# Creating New Life with Energy

Batteries are essential to daily life. All around us, in the devices we need to work and play, Panasonic energy is helping us not to live, but to flourish. For more than 90 years, we've been creating products most trusted for performance, safety, and reliability. Our technology is driven by continuous research and development as we find new ways to extend endurance. Passion for quality has led to the supply of over 200 billion dry-cell batteries\* to more than 120 countries, establishing Panasonic as the premier brand for convenience and value. With superior technology and a firm commitment to sustainability, we're leading the world to new life and new possibilities. \*As of March 2016



## Leading Energy Solutions for the Future

Panasonic's vision for the future centers on the need to develop products that offer greater convenience, a higher level of performance, and improved environmental sustainability. And we're already delivering on that promise. Some recent examples include the supply of next-generation lithium-ion batteries for Tesla Motors' electric vehicles, the development of wireless charging devices for mobile users, and our ever-increasing involvement in solar energy—and how we can use it to help people in remote areas. It's the dawn of a new and exciting era for Panasonic and the global community.



# Innovating on the World Stage

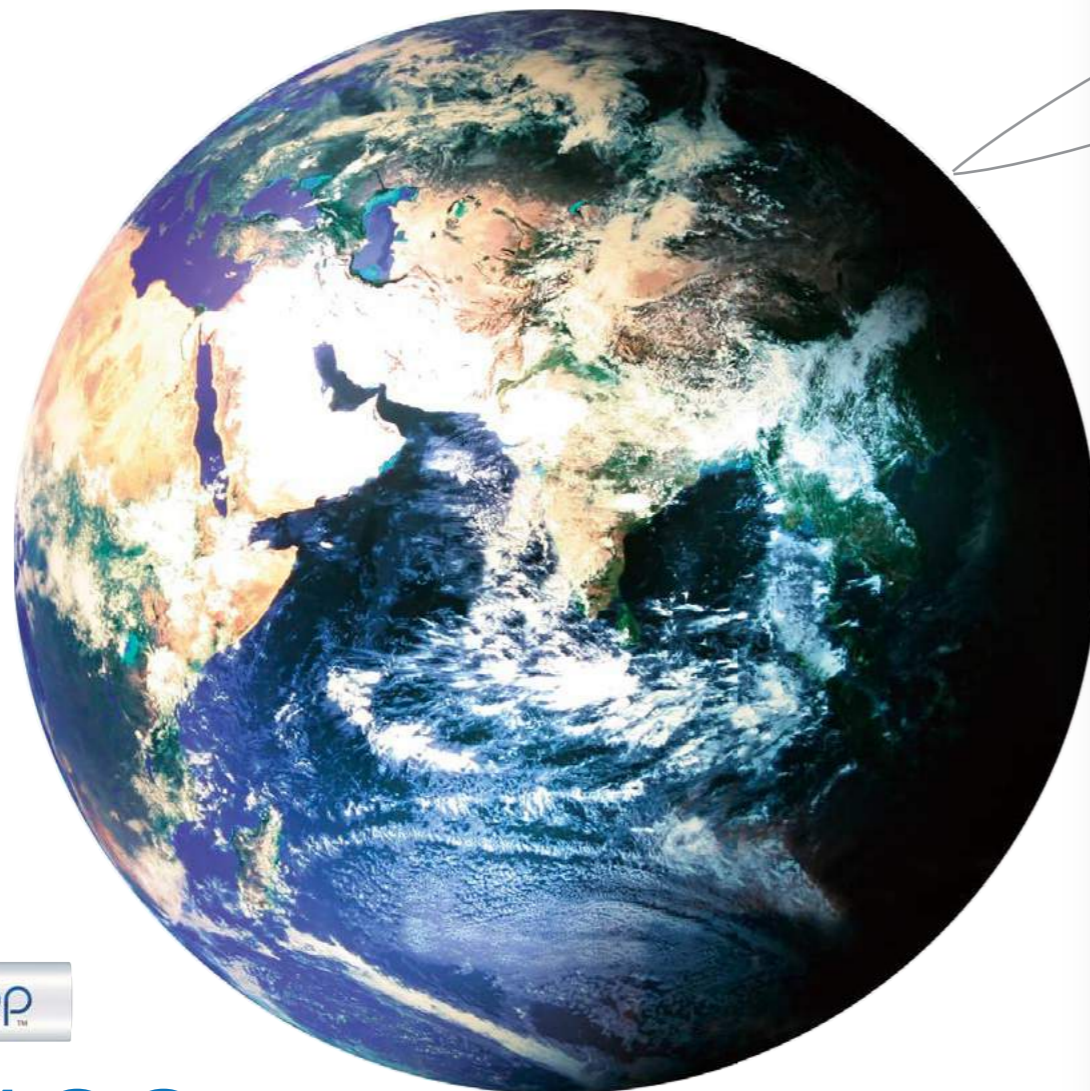
Over the last century, Panasonic energy has become synonymous with performance, safety, and reliability. Driven forward by constant scientific research, we aim to develop products that open doors to new life and new possibilities today and in the future.

since **1931**



Higher Quality, Better Performance, and Enhanced Protection

From our first bicycle battery lamp developed in 1923 by company founder Konosuke Matsushita to the latest Ni-MH cells powering next-generation EVs, Panasonic has always been guided by innovation.



**400 million** Over 400 million eneloop rechargeable batteries shipped\*

\*Information is accurate as of November 2016.

More than 200 billion dry batteries sold in 120 countries.

**200 billion**



**13**

That's about 13 return trips to the moon.

Assuming a 5 cm average length and laid end-to-end, an accumulated total of 200 billion dry batteries ...

... would extend for a distance of

**10,000,000 km**



Panasonic batteries by numbers

**120**



Panasonic batteries are sold in more than 120 countries

# An Advanced Global Approach to Battery Production

Panasonic's holistic approach to manufacturing encompasses four key areas—research and development, production, quality control, and environmental effort—at a number of state-of-the-art facilities around the world. Guiding principles of continual product improvement and the strictest quality control are governed by our desire to deliver premium products to customers with minimal impact on the environment.

## Research & Development

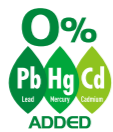
### Developing High-Quality, High-Capacity Batteries

Continual research and development in all areas, from materials, production processes, and system technology at our dedicated lab facilities has kept Panasonic at the very forefront of battery design. A focus on improving battery safety and endurance has led to high-value products that exceed expectations in every area.



### Producing Products Without Specified Harmful Substances

Panasonic zinc carbon batteries contain no lead, mercury or cadmium, while our Coin batteries contain zero mercury.



## Manufacturing

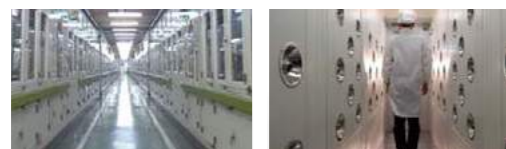
### Integral Computer-Controlled Production Lines

Almost all batteries in the Panasonic family are made on fully automated and computer-controlled production lines for superior consistency of quality and greater efficiency.



### Contaminant-free Clean Facilities

The vast majority of production takes place in contaminant-free clean rooms that exceed all industry environmental standards. Advanced manufacturing techniques ensure the same highly consistent quality no matter where our products are purchased.



## Quality Control

### Pursuing Better Quality Batteries

More than two million batteries are produced and tested worldwide each year. We lead the industry in product quality with larger-scale testing facilities than other companies. Furthermore, all batteries are subjected to severe five-category testing covering discharge performance, leakage resistance, shelf life, performance in extreme environments, and product stability over time.

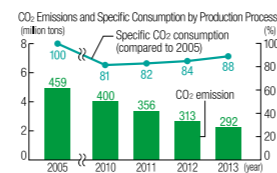


## Environmental Efforts

### Eco-friendly Processes and Design

We limit our impact on the environment in a variety of ways:

- Reducing CO2 during production processes (Kasai Factory)



- Recycling resources (Wuxi Factory)




- ISO14001\* and ISO9001\* certification for all factories


\* Except Tanzanian factories

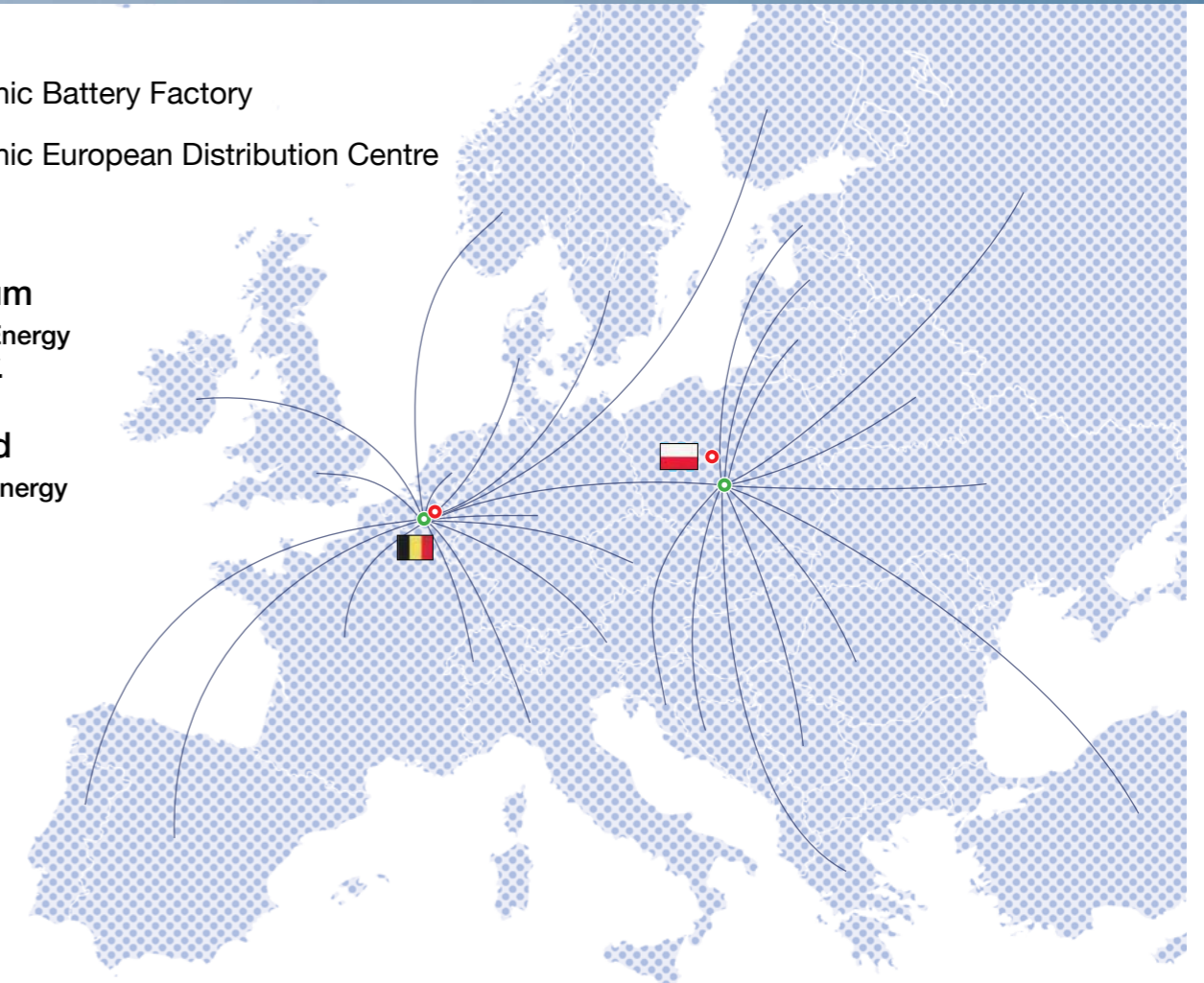


# Panasonic Energy Europe, your professional battery partner

- Panasonic Battery Factory
- Panasonic European Distribution Centre

 **Belgium**  
Panasonic Energy Belgium N.V.

 **Poland**  
Panasonic Energy Poland S.A.



## A CLOSER LOOK AT OUR FACTORIES



### BELGIUM FACTORY

**Located in:** Tessenderlo, Belgium  
**Established in:** September 29th 1970  
**Number of employees:** 360 employees

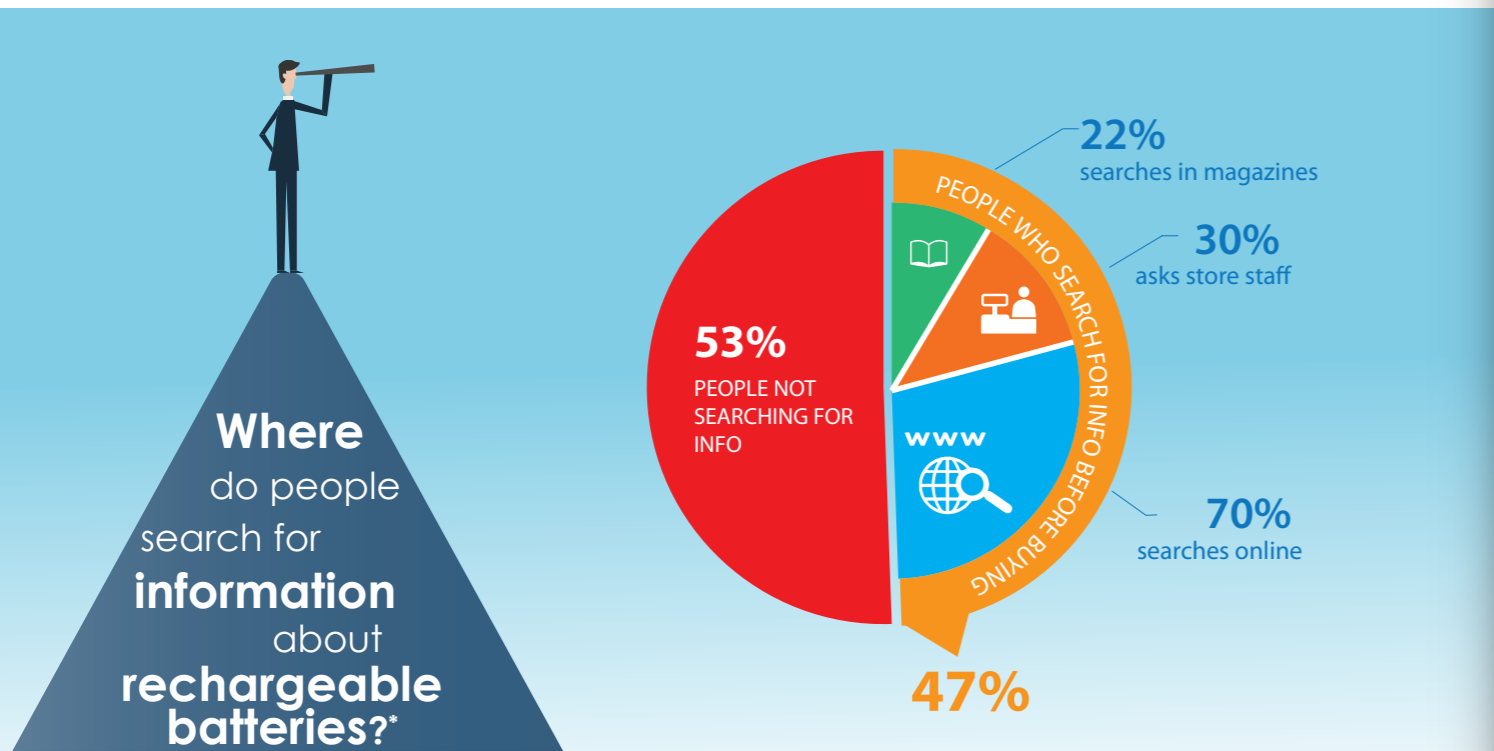
In-house production of batteries, starting from the creation of the battery can, to labeling of finished products, packing, and automatic palletization.

### POLAND FACTORY

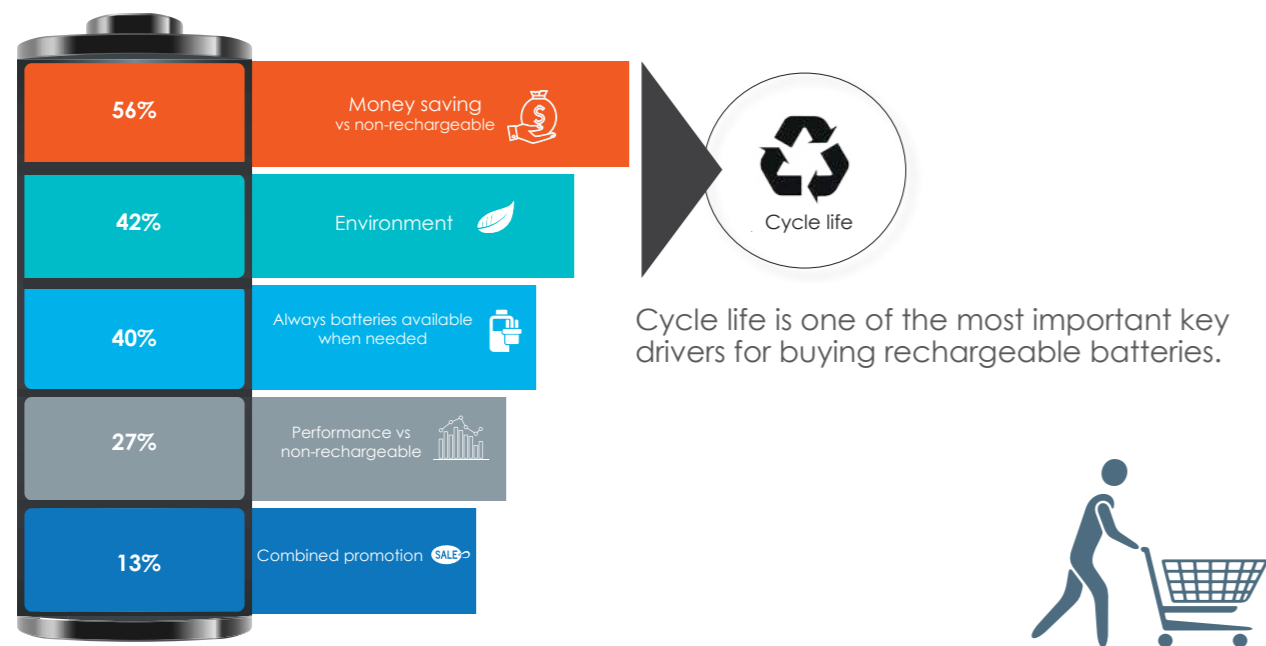
**Located in:** Gniezno, Poland  
**Established in:** December 15th 1993  
**Number of employees:** 344 employees

In-house production of zinc-carbon batteries (sizes R03, R6, R14, R20) and LR6 alkaline batteries, packing of enloop and other batteries.

# Shopper insights rechargeable batteries



## Main reasons to buy rechargeable batteries\*



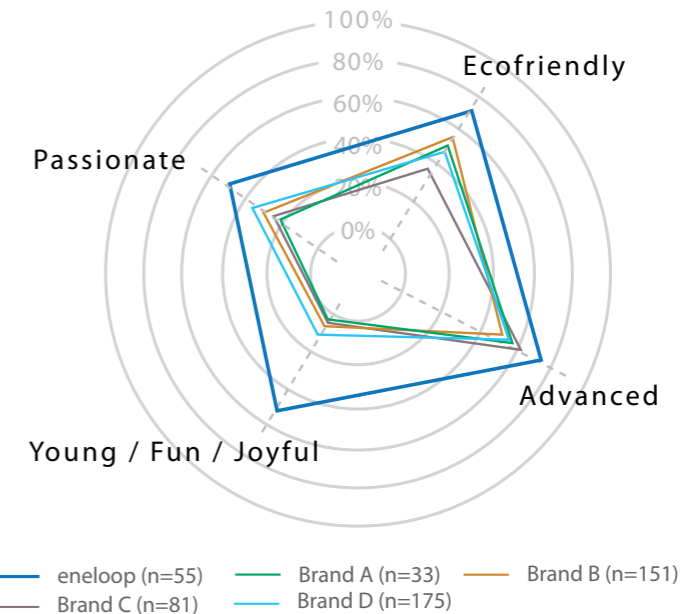
**Panasonic**

\*Source: Haystack rechargeable online survey July 2016 n:2007 in Germany, Poland, UK, Italy & France

# eneloop brand image

**DNA**

eneloop is clearly perceived as the most eco-friendly, young, fun & joyful brand. This is opposed to other rechargeable batteries, which have the same DNA as alkaline batteries.



Source: Haystack rechargeable online survey July 2016. n:2007 in GE, PL, UK, IT, FR

## eneloop worldwide\*\*

- Sold in over **80** countries
- 400** million batteries shipped worldwide
- Registered trademark in over **60** countries **TM**



**eneloop**

\*\* Total period: from November 2005 to October 2016 Shipment over 80 countries

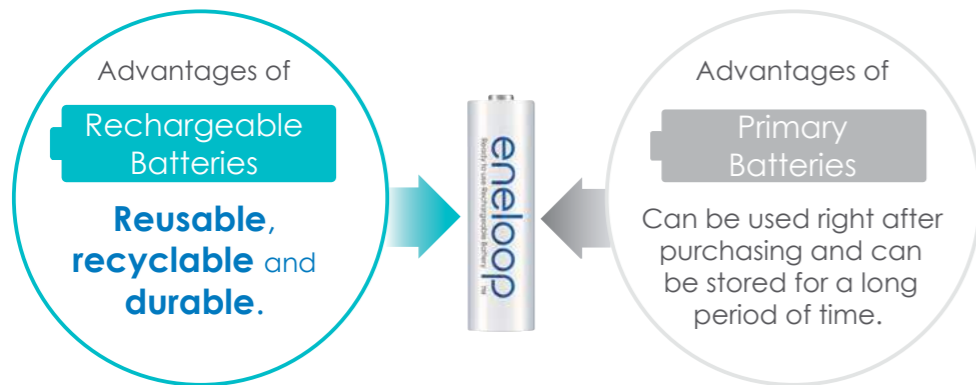
# What is eneloop?

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...  
This is PANASONIC's answer

## eneloop

Represents a new life style.



It is a new battery that can be used as easily as a primary battery, and reused simply by recharging it.  
eneloop is the new battery that might just change your lifestyle.

eneloop — The next generation of environmentally friendly batteries sold in over 80 countries\* around the world proposes a new lifestyle shift from 'Disposable' to 'Reusable'. Change the future of our environment by changing your battery. \*as of Aug 2015



The advantages of the rechargeable battery and the primary battery are combined into one

## Save resources with eneloop!

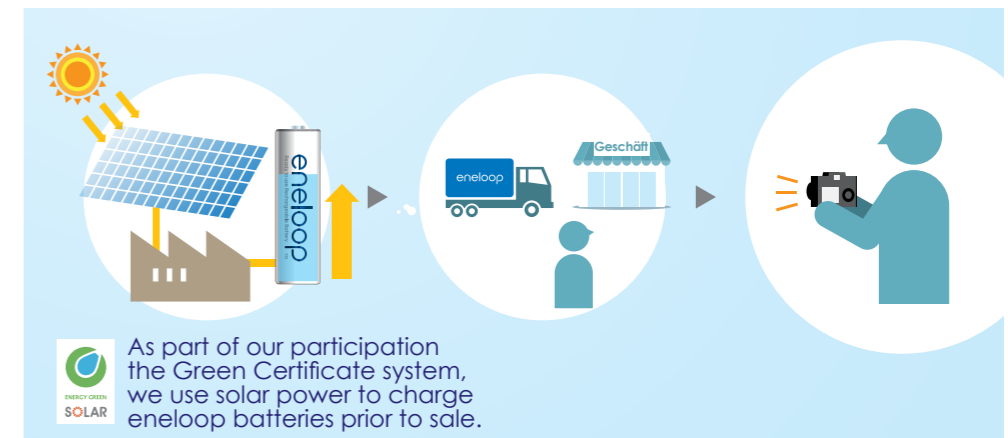
Using eneloop instead of a primary battery saves resources. Each year, approximately 30 billion batteries are used worldwide. Replacing even a small percentage of these with eneloop will help to conserve the environment.



Panasonic is N°1 Best Global Green Brand 2014 in Electronics Sector\*  
\* www.interbrand.com

## Ready to use after purchase! Also ecological!

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



eneloop is ready-to-use even after 10 years\* of storage

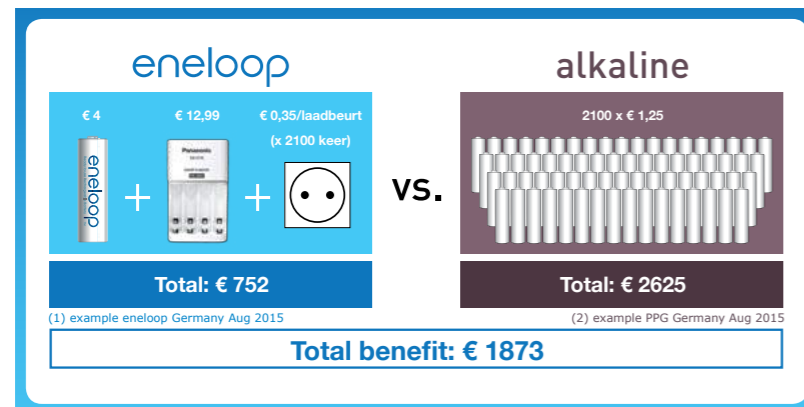
\*Panasonic internal IEC (61951-2(7.3.2)) testing. Varies according to conditions of use.



## eneloop can be used 2100 times to save money!

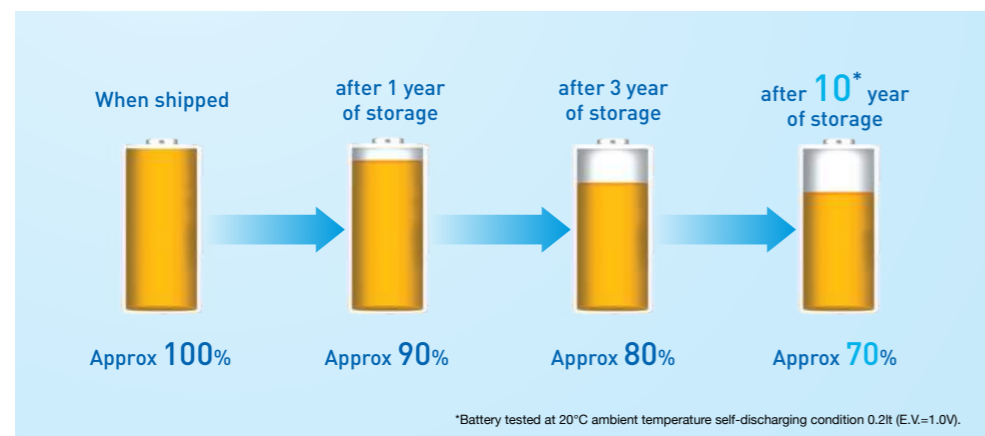
On average families use around 70 batteries per year.\* By switching to eneloop, a single charger makes it possible to charge a year's worth of batteries.

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



## Unique technologies reduce self-discharge.

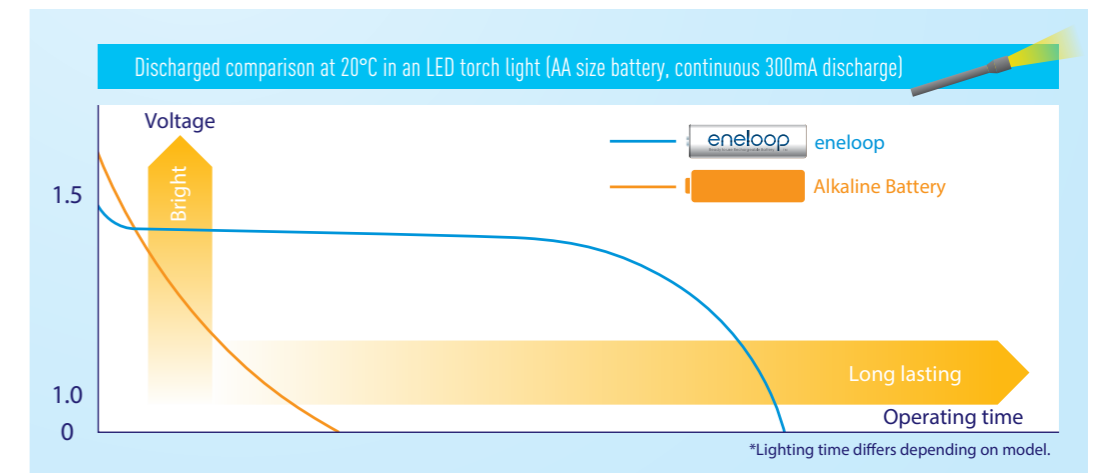
By improving the lattice size of metal hydride alloy, eneloop keeps 70% capacity even after 10 years of storage.



eneloop can be recharged up to 2100 times, which represents a huge economic advantage

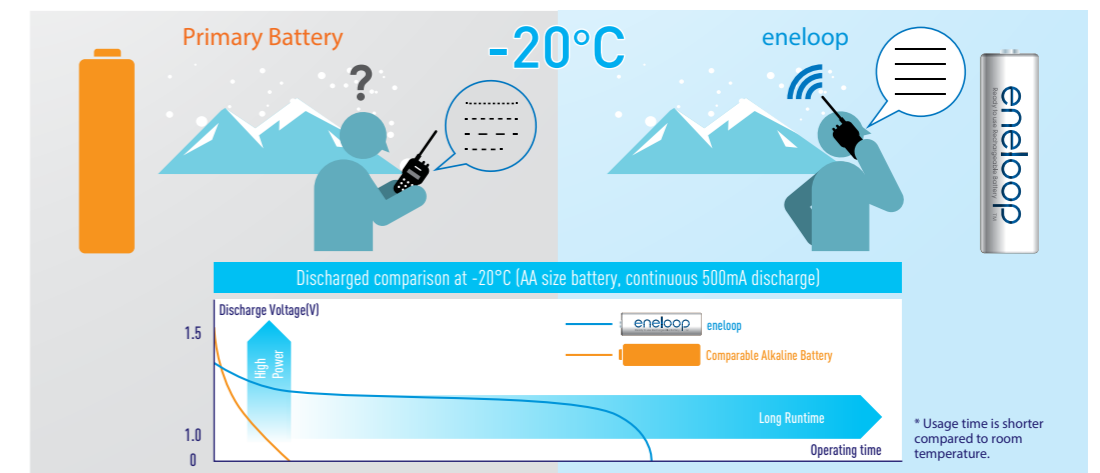
## Lasts much longer than a primary battery.

Longer lasting than a primary battery thanks to its stable voltage.



## Usable in low temperatures, such as in ski resorts.

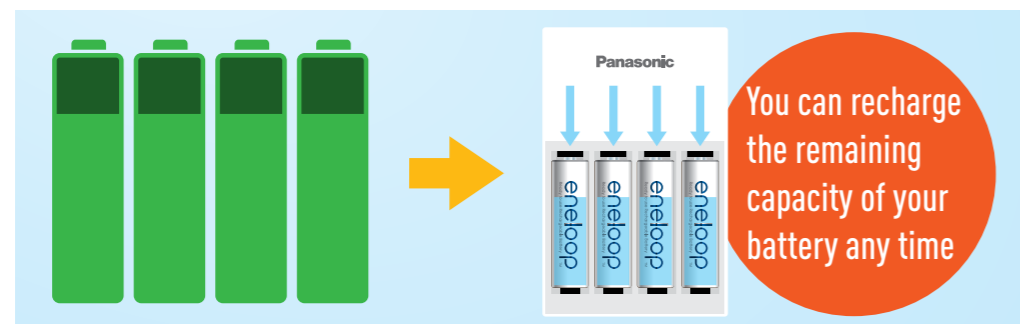
Keeps higher voltage than a dry cell battery, at low temperatures.



Superior discharge at low temperature!

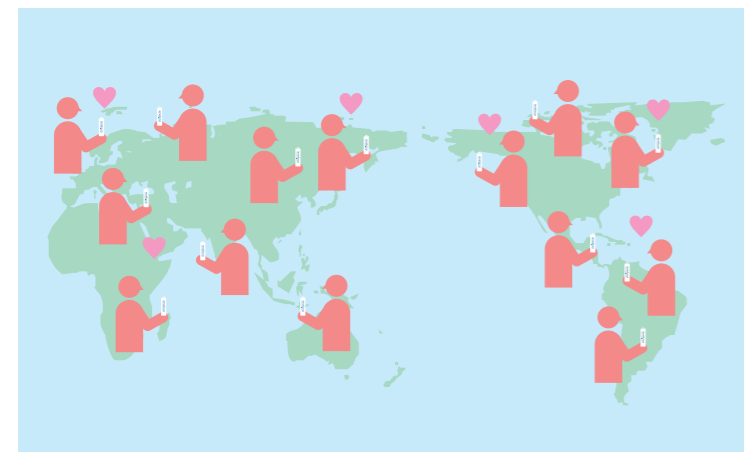
## No need to worry about the “memory effect”

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.



## World acclaimed quality!

eneloop is shipped to over 80 countries and its Japanese inspired design and production is appreciated by consumers all over the world. Users feel a high level of satisfaction.

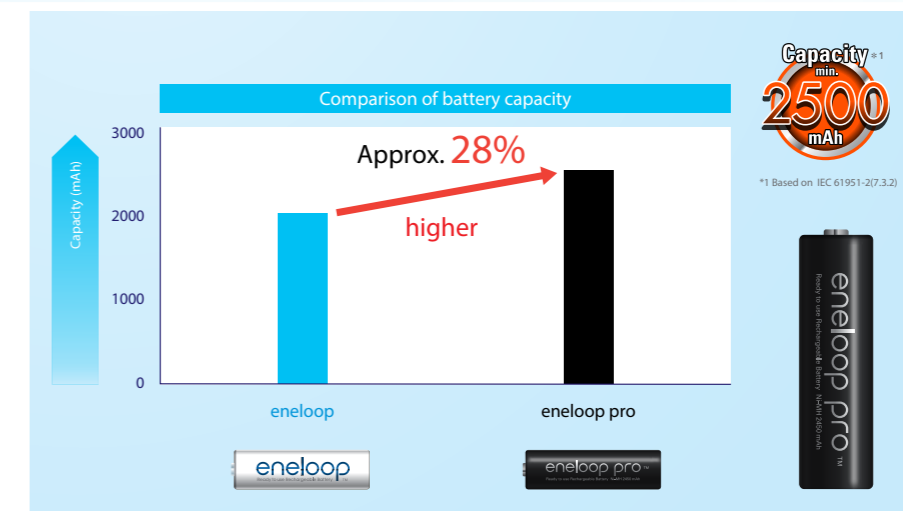


No “memory effect” with eneloop!

\*Based on an in-house survey of American, German, Chinese and Japanese users.

## eneloop pro, higher capacity than a standard eneloop

eneloop pro has approximately 28% higher capacity than a standard eneloop and is best for high energy demanding devices!



## eneloop & eneloop lite, ideal for DECT phones

eneloop has a high capacity and a long cycle life, whereas eneloop lite can be recharged up to 3000 times. This makes it the battery with the longest cycle life.



\*1 For eneloop batteries. Battery life based on testing method established by IEC61951-2 (7.5.1.3). (Varies according to conditions of use.)  
\*2 For eneloop lite batteries. Battery life based on testing method established by IEC61951-2 (7.5.1.3). (Varies according to conditions of use.)

eneloop batteries offer ideal solutions for different usage

# eneloop 2017-2018

## Theme

Since the launch of eneloop in 2005, we want to focus on a sustainable lifestyle with the eneloop battery. Everytime you recharge an eneloop cell, you are not only saving money, but you are also saving a dead battery from the waste bin or land-fill. Pre-charged by solar energy and ready to use, eneloop is the world's ECO-friendly battery.

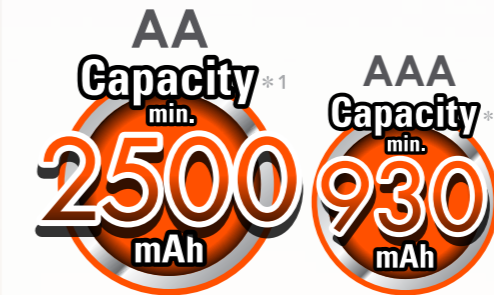


# eneloop range





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



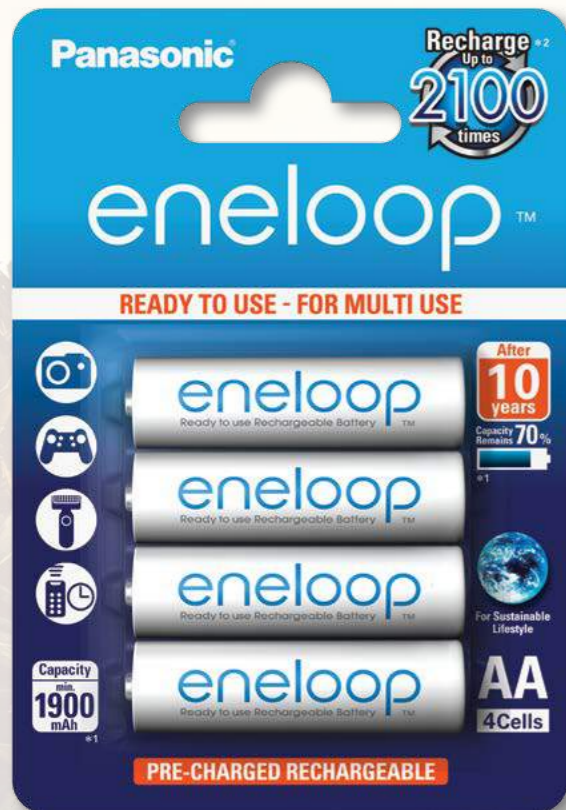
\*1Panasonic internal IEC61951-2(7.3.2) testing (varies according to conditions of use)  
\*2Panasonic internal testing IEC61951-2 (7.5.1.3)

## APPLIANCES

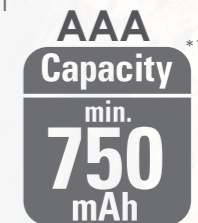


Name	Size	Min. Capacity (mAh)	CSU EAN	Global Code	Batteries/	Blisters/	Cartons/
					CSU	Carton	Outer Carton
eneloop pro	AA	2500	5410853052579	BK-3HCDE/4BE	4	10	12
eneloop pro	AAA	930	5410853052609	BK-4HCDE/4BE	4	12	12
eneloop pro	AA	2500	5410853057178	BK-3HCDE/2BE	2	8	12
eneloop pro	AAA	930	5410853057185	BK-4HCDE/2BE	2	10	12
eneloop pro	AA	2500	5410853052562	BK-3HCDE/BF1	1	500	N/A
eneloop pro	AAA	930	5410853052593	BK-4HCDE/BF1	1	500	N/A



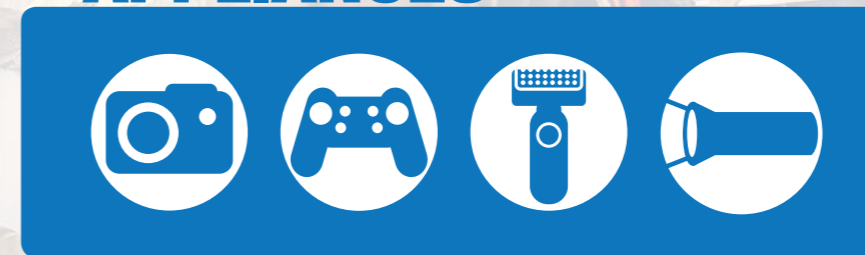


eneloop is a long-life, pre-charged, energy and money saving, recyclable rechargeable battery which can be charged and discharged now even up to 2100 times.



\*1 Panasonic internal IEC61951-2(7.3.2) testing (varies according to conditions of use)  
\*2 Panasonic internal testing IEC61951-2 (7.5.1.3)

## APPLIANCES



Name	Size	Min. Capacity (mAh)	CSU EAN	Global Code	Batteries/	Blisters/	Cartons/
					CSU	Carton	Outer Carton
eneloop	AA	1900	5410853052623	BK-3MCCE/2BE	2	8	12
eneloop	AA	1900	5410853052630	BK-3MCCE/4BE	4	10	12
eneloop	AA	1900	5410853052647	BK-3MCCE/8BE	8	10	4
eneloop	AA	1900	5410853052654	BK-3MCCEC4BE	4 + case	10	4
eneloop	AAA	750	5410853052678	BK-4MCCE/2BE	2	10	12
eneloop	AAA	750	5410853052685	BK-4MCCE/4BE	4	12	12
eneloop	AAA	750	5410853052692	BK-4MCCE/8BE	8	10	4
eneloop	AAA	750	5410853052708	BK-4MCCEC4BE	4 + case	8	12
eneloop	mix	1900/750	5410853052715	BK-KJMCCE44E	4AA+4AAA	10	4
eneloop	AA	1900	5410853052616	BK-3MCCE/BF1	1	500	N/A
eneloop	AAA	750	5410853052661	BK-4MCCE/BF1	1	500	N/A





eneloop lite batteries are ideal for low-to-medium power consumption devices, such as DECT phones and remote controls. They are rechargeable for up to 3000 times which makes it even more economically and environment-friendly.

Recharge  
Up to  
**3000**  
times

AA  
Capacity  
min.  
**950**  
mAh

AAA  
Capacity  
min.  
**550**  
mAh

after 5 years  
Capacity  
Remains  
**70%**

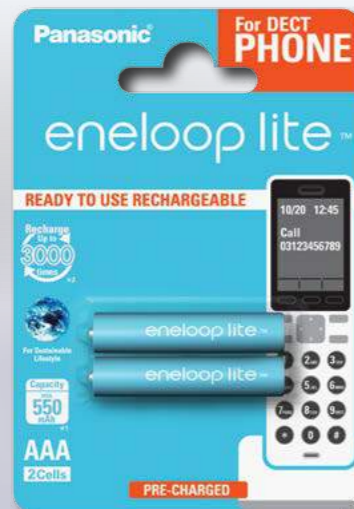
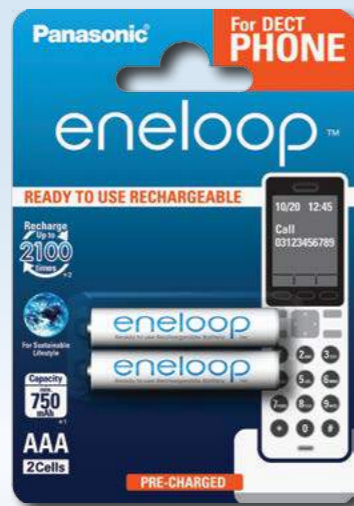
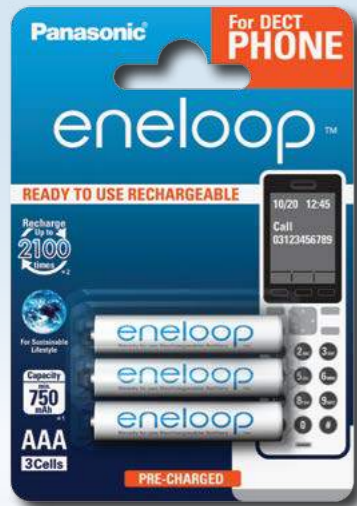
\*1Panasonic internal IEC61951-2(7.3.2) testing (varies according to conditions of use)  
\*2Panasonic internal testing IEC61951-2 (7.5.1.3)

## APPLIANCES



Name	Size	Min. Capacity (mAh)	CSU EAN	Global code	Batteries/	Blisters/	Cartons/
					CSU	Carton	Outer Carton
eneloop lite	AA	950	5410853052739	BK-3LCCE/2BE	2	8	12
eneloop lite	AAA	550	5410853052753	BK-4LCCE/2BE	2	10	12
eneloop lite	AAA	550	5410853052760	BK-4LCCE/4BE	4	12	12
eneloop lite	AA	950	5410853052722	BK-3LCCE/BF1	1	500	N/A
eneloop lite	AAA	550	5410853052746	BK-4LCCE/BF1	1	500	N/A





**Best match**  
for your  
**cordless phone**



Name	Size	Min. Capacity (mAh)	CSU EAN	Global Code	Batteries/	Blisters/	Cartons/
					CSU	Carton	Outer Carton
eneloop DECT	AAA	750	5410853058779	BK-4MCCE/3DE	3	10	12
eneloop DECT	AAA	750	5410853058786	BK-4MCCE/2DE	2	10	12
eneloop lite DECT	AAA	550	5410853058793	BK-4LCCE/3DE	3	10	12
eneloop lite DECT	AAA	550	5410853058809	BK-4LCCE/2DE	2	10	12

## WHY ENELOOP FOR DECT?

Lasts up to 3 times longer<sup>1</sup>



Suitable for all DECT phones



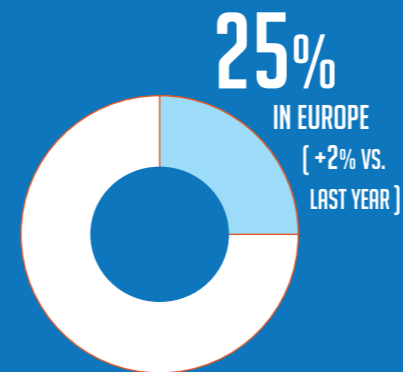
eneloop has the BEST CYCLE LIFE



<sup>1</sup> vs. competition based on Panasonic's internal charge & discharge tests.  
<sup>2</sup> Panasonic internal testing IEC61951-2 (7.5.1.3)  
<sup>3</sup> Panasonic internal testing IEC61951-2 (7.5.1.3)

## DECT MARKET

Panasonic is GLOBAL N°1 BRAND for DECT phone devices



( Source: GFK, NPD & Panasonic estimation )

**FACT**

92% OF THE CONSUMERS KNOW THAT THEIR PHONE'S BATTERY CAN BE REPLACED.

**ISSUES**

CONSUMERS THAT EXPERIENCE PROBLEMS WITH THEIR DECT PHONE BATTERY :

19% < 1 YEAR    42% 1-3 YEARS    29% > 3 YEARS    10% I DON'T KNOW

**DECT PHONE BATTERIES IS A BIG POTENTIAL MARKET**

























**SOLUTIONS?**

5% REPLACE THE PHONE

13% KEEP THE CURRENT BATTERY

82% REPLACE THE BATTERY


## Rechargeable battery information chart

	eneloop pro BK3HCDE				eneloop BK3MCCE					eneloop lite BK3LCCE	
Capacity (AA) <sup>1</sup>	min. <b>2500</b> mAh up to <b>2550</b> mAh				min. <b>1900</b> mAh up to <b>2000</b> mAh					min. <b>950</b> mAh up to <b>1000</b> mAh	
Recharge <sup>2</sup>	up to <b>500</b> times				up to <b>2100</b> times					up to <b>3000</b> times	
Type	<b>High Capacity for High Drain Devices</b>				<b>Low Self-Discharge for Multi-Use</b>					<b>Basic Rechargeable for Daily Use</b>	
Recommended equipment	 DSLR Flash  Radio Control Cars  Wireless Devices				 Digital Cameras  Beauty & Health  Games & Toys  Torch Lights  DECT Phones					 DECT Phones  Daily Use	
<b>Usage time (AA)</b>											<b>Usage time (AAA)<sup>3</sup></b>
 eneloop pro	Approx. <b>1.8</b> hours	Approx. <b>3</b> hours	Approx. <b>3</b> hours	Approx. <b>3.3</b> hours	Approx. <b>6</b> hours	Approx. <b>8</b> hours	Approx. <b>25</b> hours	Approx. <b>80</b> hours	Approx. <b>2</b> years	Approx. <b>70</b> hours (Standby Mode)	
 eneloop	Approx. <b>1.5</b> hours	Approx. <b>2</b> hours	Approx. <b>2</b> hours	Approx. <b>3</b> hours	Approx. <b>5</b> hours	Approx. <b>6</b> hours	Approx. <b>20</b> hours	Approx. <b>60</b> hours	Approx. <b>2</b> years	Approx. <b>60</b> hours (Standby Mode)	
 eneloop lite	Approx. <b>0.7</b> hours	Approx. <b>1</b> hours	Approx. <b>1</b> hour	Approx. <b>1.5</b> hours	Approx. <b>2.5</b> hours	Approx. <b>3</b> hours	Approx. <b>10</b> hours	Approx. <b>30</b> hours	Approx. <b>1</b> year	Approx. <b>40</b> hours (Standby Mode)	
 Alkaline battery	Approx. <b>1</b> hours	Approx. <b>1</b> hours	Approx. <b>30</b> minutes	Approx. <b>1.5</b> hours	Approx. <b>4</b> hours	Approx. <b>8</b> hours	Approx. <b>25</b> hours	Approx. <b>25</b> hours	Approx. <b>2</b> years		
Battery runtime beginning from charged state. It varies depending on conditions of use, model used, ambient temperature & conditions of equipment.											
Usable temperature ranges •Discharging (installed in devices): -5°C to 50°C •Charging: 0°C to 40°C •Storage: -20°C to 30°C Usage outside of these temperature ranges may adversely affect battery performance and/or lifespan.											

<sup>1</sup> Panasonic internal IEC61951-2(7.3.2) testing (varies according to conditions of use) <sup>2</sup> Panasonic internal testing IEC61951-2 (7.5.1.3) <sup>3</sup> Expected power consumption: 12.5mA



# Cross reference

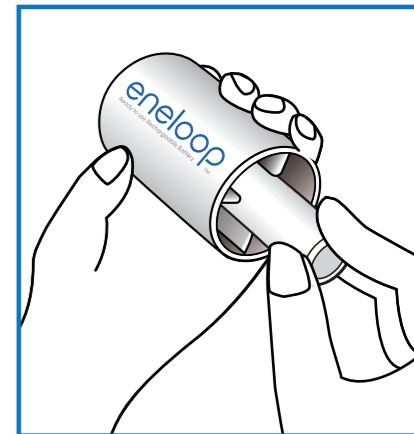
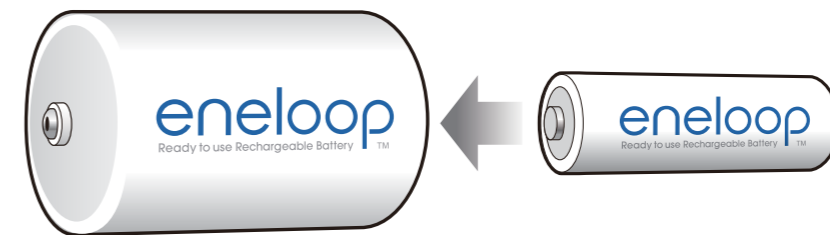
	AA		
	Low	Middle	High
<b>Blister</b>			
<b>Subbrand</b>	eneloop lite	eneloop	eneloop pro
<b>Min. capacity *1</b>	950 mAh	1900 mAh	2500 mAh
<b>Cycle life *2</b>	3000 times	2100 times	500 times
<b>Low self discharge *1</b>	up to 70% after 5 years	up to 70% after 10 years	up to 85% after 1 year
<b>Charge</b>	0 ~ 40C°		
<b>Discharge</b>	-5 ~ 50C°		

	AAA		
	Low	Middle	High
<b>Blister</b>			
<b>Subbrand</b>	eneloop lite	eneloop	eneloop pro
<b>Min. capacity *1</b>	550 mAh	750 mAh	930mAh
<b>Cycle life *2</b>	3000 times	2100 times	500 times
<b>Low self discharge *1</b>	up to 70% after 5 years	up to 70% after 10 years	up to 85% after 1 year
<b>Charge</b>	0 ~ 40C°		
<b>Discharge</b>	-5 ~ 50C°		

\*1Panasonic internal IEC61951-2(7.3.2) testing (varies according to conditions of use) \*2Panasonic internal testing IEC61951-2 (7.5.1.3)

## C & D adaptor - Spacers

Even though 85% of all disposable batteries sold are either AA or AAA size, there are still some applications, which require other battery sizes. The two next common sizes are C and D. Typical examples, where these sizes are required are big torches or portable radios. For these cases we offer, next to our new C- & D-size batteries, also simple but smart plastic adaptors, which transform an AA-size eneloop into a C- or D-size battery.



### HOW-TO

Plug the eneloop into the adaptor and you can use it in your equipment. Of course the adaptors only adapt the mechanical dimensions of the eneloop (length and diameter) and obviously not its electrical characteristics. The voltage and the capacity remain unchanged to the eneloop AA specification.

Name	Size	CSU EAN	Global Code	Batteries/	Blisters/	Cartons/
				Blister	Carton	Outer carton
Spacer	D	5410853052838	BQ-BS1E/2E	2	6	24
Spacer	C	5410853052845	BQ-BS2E/2E	2	6	24



### Smart & Quick charger – BQ CC55

- Rapid charge (AA 2cell: 1.5hours/4cells: 3hours)
- Individual management/charge control (Smart Charge<sup>1</sup>)
- Can be used all over the world (100-240V)
- Case color: black / white

Item	Specifications
Input	AC100-240V 50-60Hz
Input part Structure	Fixed plug
Charging control	Smart Charge <sup>1</sup> / -ΔV / Timer
Indicator	LED x 4 Charging: ON, Fully charged: OFF
Charger battery	AA x 1, 2, 3, 4 / AAA x 1, 2, 3, 4 cells
Charging time	AA: Approx 1.5hours/3hours [2,000mAh] AAA: Approx 1.5hours/3hours [800mAh]
Charger size (cm) (W x H x D)	6,8 x 12 x 7,6
Weight	with EU-plug: 124 g - with UK-plug: 132 g

<sup>1</sup>This charger has "Smart Charge" function which checks voltage and temperature of battery automatically. Thanks to Smart Charge function, it saves time of charging and loss of energy & money.



Rank	Name	Plug	Battery	Size	Min. Capacity (mAh)	CSU EAN	Global Code	Batteries/Charger	Blisters/ Carton
High	CC55	EU	N/A	N/A	N/A	5410853057628	BQ-CC55E	N/A	8
High	CC55	EU	eneloop pro	AA	2 500	5410853057635	K-KJ55HCD40E	4	8
High	CC55	EU	eneloop	AA	1 900	5410853057642	K-KJ55MCC40E	4	8
High	CC55	UK	eneloop	AA	1 900	5410853057666	K-KJ55MCC40U	4	8
Middle	CC17	EU	eneloop	AA	1 900	5410853052296	K-KJ17MCC40E	4	8
Low	CC51	EU	N/A	N/A	N/A	5410853056676	BQ-CC51E	N/A	8
Low	CC51	EU	eneloop	AA	1 900	5410853056683	K-KJ51MCC40E	4	8
Low	CC51	EU	eneloop	AAA	750	5410853056690	K-KJ51MCC04E	4	8
Low	CC51	UK	eneloop	AA	1 900	5410853057680	K-KJ51MCC40U	4	8
Low	CC50	EU	eneloop	AA	1 900	5410853057659	K-KJ50MCC20E	2	8
Low	CC50	UK	eneloop	AA	1 900	5410853057697	K-KJ50MCC20U	2	8



### Advanced charger – BQ CC17

- Can charge AA / AAA 4 cells
- Individual management/-ΔV Control
- Can be used all over the world (100-240V)
- Case colour: white

Item	Specification
Input	AC100-240V 50-60Hz
Input part Structure	Plug-in and attachment plug
Charging control	-ΔV /Timer
Indicator	LED x 4 Charging: ON, Fully charged: OFF
Charger battery	AA x 1, 2, 3, 4 / AAA x 1, 2, 3, 4 cells
Charging time	AA: Approx 7hr [2 000mAh]; AAA: Approx 6hr [800mAh]
Charger size (cm) (W x H x D)	6,5 x 10,5 x 7,5
Weight	107,4 g



### Basic charger – BQ CC51

- Can charge AA / AAA 2 or 4 cells
- Timer control
- Can be used all over the world (100-240V)
- Case color: white

Item	Specifications
Input	AC100-240V 50-60Hz
Input part Structure	Fixed plug
Charging control	Timer cut (13 hours)
Indicator	LED x 2 Charging: ON, Fully charged: OFF
Charger battery	AA x 2, 4 / AAA x 2, 4 cells
Charging time	AA: Approx 10 hours; AAA: Approx 10 hours
Charger size (cm) (W x H x D)	6,6 x 10,8 x 7,0
Weight	with EU-plug: 100 g - with UK-plug: 108 g



### Compact charger - BQ CC50

- Can charge AA / AAA 2 cells
- Timer control
- Can be used all over the world (100-240V)
- Case color: white

Item	Specifications
Input	AC100-240V 50-60Hz
Input part Structure	Fixed plug
Charging control	Timer cut (13 hours) Individual
Indicator	LED x 2 Charging: ON, Fully charged: OFF
Charger battery	AA x 1, 2 / AAA x 1, 2 cells
Charging time	AA: Approx 10 hours; AAA: Approx 10 hours
Charger size (cm) (W x H x D)	5 x 12,1 x 7,0
Weight	with EU-plug: 86 g - with UK-plug: 96 g



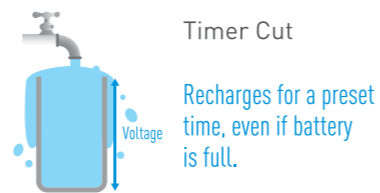
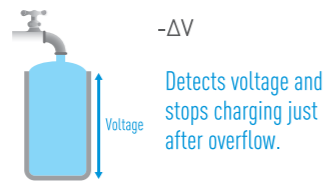
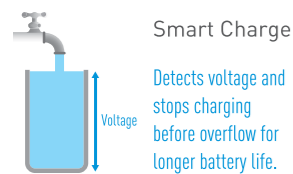
**NEW RANGE: coming soon**



**Flagship charger incl. LCD screen - BQ CC65**

- Displays battery status on LCD
- Shows capacity, voltage, time and Wh
- Features refresh (discharge) mode
- Charges mobile devices via USB port

Item	Specifications
Input	AC100-240V 50-60Hz
Input part Structure	Inlet (AC cable)
Charging control	Smart charge
USB output	DC 5.0V 1A / USB-A 1slot
Indicator	LCD Display (Battery capacity & Life Check & Discharge Mode)
Charger battery	AA x 1- 4 / AAA x 1- 4 cells
Charging time	AA x 4: 3h / AA x 2 : 1.5h
Charger size (cm) (W x H x D)	14,7 x 8,8 x 4
Weight	208,65g



Rank	Name	Plug	Battery	Size	Min. Capacity (mAh)	CSU EAN	Global Code	Batteries/Charger	Blisters/ Carton
High	CC65	EU	N/A	N/A	N/A	5410853060017	BQ-CC65E	N/A	4
High	CC65	UK	N/A	N/A	N/A	5410853060024	BQ-CC65U	N/A	4
Middle	CC63	EU	N/A	N/A	N/A	5410853059998	BQ-CC63E	N/A	4
Middle	CC63	UK	N/A	N/A	N/A	5410853060000	BQ-CC63U	N/A	4
Low	CC61	USB	N/A	N/A	N/A	5410853059882	BQ-CC61USB	N/A	4



**8 cells charger - BQ CC63**

- Can charge AA/AAA 1 to 8 cells
- 8 LED Indicators
- Individual control -ΔV

Item	Specifications
Input	AC100-240V 50-60Hz
Input part Structure	Inlet (AC cable)
Charging control	-ΔV
Indicator	LED x 8 Charging: ON (Green), Fully charged: OFF
Charger battery	AA x 1-8 / AAA x 1-8 cells
Charging time	AA 1 ~ 8 : 5h; AAA 1 ~ 8 : 3h
Charger size (cm) (W x H x D)	14,7 x 11,9 x 2,7
Weight	240g (without AC-cord)



**USB-in charger - BQ CC61**

- Can be charged by USB terminal
- 2 LED Indicators
- Light & compact

Item	Specifications
Input	DC 5V
Input part Structure	USB micro-B
Charging control	Timer (10h)
Indicator	LED x 2 Charging: ON (Green), Fully charged: OFF
Charger battery	AA x 2 or 4 / AAA x 2 or 4 cells
Charging time	AA: 10 hours AAA: 10 hours
Charger size (cm) (W x H x D)	6,6 x 8,5 x 2,8
Weight	65g (without USB-cord)



# Charger information chart

**NEW RANGE:  
coming soon**

eneloop Ready to use Rechargeable Battery		BQ-CC55 K-KJ55MCC 		BQ-CC17 K-KJ17MCC 		BQ-CC51 K-KJ51MCC 		BQ-CC50 K-KJ50MCC 		BQ-CC65 		BQ-CC63 		BQ-CC61 	
		<b>Smart &amp; Quick</b>		<b>Advanced</b>		<b>Basic</b>		<b>Compact</b>		<b>Flagship LCD</b>		<b>8 cells</b>		<b>USB in</b>	
Battery Type		Ni-MH		Ni-MH		Ni-MH		Ni-MH		Ni-MH		Ni-MH		Ni-MH	
Charging time		1 pc./ 2 pcs.	3 pcs./ 4 pcs.	1 pc./ 2 pcs. / 3 pcs./ 4 pcs.	2 pcs. / 4 pcs.		1 pc./ 2 pcs.		1 pc./ 2 pcs.	3 pcs./ 4 pcs.	1 pcs. to 8 pcs.		2 pcs. / 4 pcs.		
eneloop pro	AA	2 hrs.	4 hrs.	9 hrs.	12 hrs.		12 hrs.		2 hrs.	4 hrs.	6 hrs.		4 hrs.		
	AAA	2 hrs.	4 hrs.	7 hrs.	12 hrs.		12 hrs.		2 hrs.	4 hrs.	3.5 hrs.		4 hrs.		
eneloop	AA	1.5 hrs.	3 hrs.	7 hrs.	10 hrs.		10 hrs.		1.5 hrs.	3 hrs.	5 hrs.		10 hrs.		
	AAA	1.5 hrs.	3 hrs.	6 hrs.	10 hrs.		10 hrs.		1.5 hrs.	3 hrs.	3 hrs.		10 hrs.		
eneloop lite	AA	0.75 hr.	1.5 hrs.	3.5 hrs.	5 hrs.		5 hrs.		0.75 hr.	1.5 hrs.	2.5 hrs.		5 hrs.		
	AAA	1.25 hrs.	2.5 hrs.	5 hrs.	8 hrs.		8 hrs.		1.25 hrs.	2.5 hrs.	2 hrs.		8 hrs.		
Specification															
Input		AC100-240V 50-60Hz		AC100-240V 50-60Hz		AC100-240V 50-60Hz		AC100-240V 50-60Hz		AC100-240V 50-60Hz		AC100-240V 50-60Hz		AC100-240V 50-60Hz	
Charging output		DC1.5 V AA 550mA x4 / AAA 275mA x4		DC 1.5 V AA 300mA x4 / AAA 150mA x4		DC 3V AA 250mA x 2 / AAA 120mA x 2		DC 3V AA 250mA x 2 / AAA 120mA x 2		DC 5 V 1A / USB-A 1slot		AA/AAA : 1.5 V x 8; 1.2 A max; (500 mA average)		DC 5 V	
Charging control		Smart Charge / -ΔV / Timer		-ΔV / Timer		Timer cut (13 hours)		Timer cut (13 hours) Individual		Smart charge		-ΔV		Timer (10 hours)	
Indicator		LED x4 Charging: ON, Fully charged: OFF		LED x4 Charging: ON, Fully charged: OFF		LED x2 Charging: ON, Fully charged: OFF		LED x2 Charging: ON, Fully charged: OFF		LCD Display (Battery capacity & Life Check & Discharge Mode)		LED x 8 Charging: ON (Green) Full charged: OFF		LED x 2 Charging: ON (Green) Full charged: OFF	
Charger battery		AA x1,2,3,4 / AAA x1,2,3,4 cells		AA x1,2,3,4 / AAA x1,2,3,4 cells		AA x2,4 / AAA x2,4 cells		AA x1,2 / AAA x1,2 cells		AA x 1- 4 / AAA x 1- 4 cells		AA x 1-8 / AAA x 1-8 cells		AA x 2 or 4 / AAA x 2 or 4 cells	
Dimensions (approx.)		120(L) x 68(W) x 75(D) mm		105(L) x 65(W) x 75(D) mm		108(L) x 66(W) x 70(D) mm		121(L) x 50(W) x 70(D) mm		147 (L) x 88 (W) x 40 (D) mm		147(L) x 119 (W) x 28 (D) mm		66(L) x 85(W) x 28(D) mm	
Weight (approx.)		EU-plug: 124 g - UK-plug: 132 g		EU-plug: 107,4 g		EU-plug: 100 g - UK-plug: 108 g		EU-plug: 86 g - UK-plug: 96 g		208,65g		240g (without AC-cord)		65g (without USB-cord)	

## Counter displays

### 6H Battery Shaped counter



SPECIFICATIONS	
Height	560 mm
Width	280 mm
Depth	230 mm
Net weight	8 kg
N° of hooks (anti-theft)	6 fixed
Hook length	19 cm
Max # AA/4BP per hook	16
Max # AAA/4BP per hook	10
Premium display	
For single blisters & wideblisters	

### 4H Plastic counter



SPECIFICATIONS	
Height	350 mm
Width	230 mm
Depth	150 mm
Net weight	1,5 kg
N° of hooks	4 flexi
Hook length	6 cm
Max # AA/4BP per hook	5
Max # AAA/4BP per hook	7
Replaceable communication	
For single blisters & wideblisters	

### eneloop Bronze



SPECIFICATIONS	
Height	240 mm
Width	456 mm
Depth	216 mm
Net weight	2,9 kg
Focus on pro, eneloop, lite & 1 charger	
Leaflet holder included	
Blisters can be changed depending on customer focus	
Can be fixed to a shelf (incl. metal hooks)	
Replaceable topcard	

## Floor displays

### eneloop Silver



SPECIFICATIONS	
Height	1750 mm
Width	1000 mm
Depth	500 mm
Net weight	65 kg
N° of hooks	31 fixed
Hook length	18 cm
Max # AA/4BP per hook	12
Max # AAA/4BP per hook	16
Max # of chargers per hook	3
Gondola end display on wheels	
Attractive branding instore	
Focus on eneloop key visual & concept	
Focus on pro, eneloop, lite & 1 charger	
Consumer leaflet holders included	

### eneloop Gold



SPECIFICATIONS	
Height	1440 mm
Width	1000 mm
Depth	1200 mm
Net weight	115 kg
N° of hooks	32 fixed
Hook length	18 cm
Max # AA/4BP per hook	12
Max # AAA/4BP per hook	16
Max # of chargers per hook	3
Shop in shop display on wheels	
Focus on 'sustainable lifestyle'	
Focus on eneloop, lite & pro	
Leaflet holders included	
Movie screen included	

# Technical specifications

## eneloop

Model N°	Size	Technology	Voltage (V)	Capacity (mAh) <sup>(1)</sup>	Height (mm)	Diameter (mm)	Weight (g)
BK-3MCCE	AA	Rechargeable Ni-MH Battery	1,2 V	1900	50,4	14,35	26
BK-4MCCE	AAA	Rechargeable Ni-MH Battery	1,2 V	750	44,5	10,5	11,6

## eneloop pro

Model N°	Size	Technology	Voltage (V)	Capacity (mAh) <sup>(1)</sup>	Height (mm)	Diameter (mm)	Weight (g)
BK-3HCDE	AA	Rechargeable Ni-MH Battery	1,2 V	2500	50,4	14,5	29,9
BK-4HCDE	AAA	Rechargeable Ni-MH Battery	1,2 V	930	44,5	10,5	12,5

## eneloop lite

Model N°	Size	Technology	Voltage (V)	Capacity (mAh) <sup>(1)</sup>	Height (mm)	Diameter (mm)	Weight (g)
BK-3LCCE	AA	Rechargeable Ni-MH Battery	1,2 V	950	50,4	14,2	18,2
BK-4LCCE	AAA	Rechargeable Ni-MH Battery	1,2 V	550	44,5	10,5	10,1

## eneloop for DECT

Model N°	Size	Technology	Voltage (V)	Capacity (mAh) <sup>(1)</sup>	Height (mm)	Diameter (mm)	Weight (g)
BK-4MCCE	AAA	Rechargeable Ni-MH Battery	1,2 V	750	44,5	10,5	11,6
BK-4LCCE	AAA	Rechargeable Ni-MH Battery	1,2 V	550	44,5	10,5	10,1

## Spacers

Model N°	Size	Height (mm)	Diameter (mm)	Weight (g)
Spacer C	C	48,2	25,12	10,3
Spacer D	D	61,4	32,15	20,9

<sup>(1)</sup> min capacity

### 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](http://www.panasonic-eneloop.eu)



### Also interested in other Panasonic solutions?

Please see our Panasonic Battery Catalogue 2017-2018  
Go to: <http://www.panasonic-batteries.com/eu/catalogues>



## POS materials

Totem / Wobbler / Blistersized consumer leaflet/ Magnetic topcards

### Online communication

eneloop  
Ready to use Rechargeable Battery

[www.panasonic-eneloop.eu](http://www.panasonic-eneloop.eu)



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<https://www.youtube.com/user/eneloopglobal>

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# eneloop

Ready to use Rechargeable Battery

**Panasonic**

Catalogue 2017-2018

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