



PRODUCT CATALOGUE 2022



What is eneloop?

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

eneloop rechargeable

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

eneloop chargers

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

Table of Contents



	34	Compact charger
ever need	35	Basic charger
DNA	35	SmartPlus USB Travel charger
	35	Basic USB chargers
	38	Charger overview
ery		
	Shoj	pper insights
batteries	40	Shopper insights
	Insta	pre communication
	42	eneloop new POS materials
	44	Display overview
	Onli	ne communication
	45	Website • Partner Portal • Social media
	Doce	

Resources

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



What is encloop?

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







encloop 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, encloop 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.



nasonic-eneloon ei

For a sustainable lifestyle

Use eneloop to save resources!

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.



Panasonic





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.



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





Capacity up

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





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.

Ready to use Rechargeable Battery

Low self discharge

nnovative 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.



nethod established by IEC 61951-2 (7.3.2) when stored at 20°C nasonic's estimation) and compared with minimum capacity. Varies according to conditions of use (3) Memory effect: see p.9 for more information

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.





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.

() 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







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



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⁾.



NOTE: Lighting time differs depending on model

1 Testing 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

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 guickly 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.



Panasonic

Operatina time



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

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





14

eneloop

A solution for your different needs









eneloop prom

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.











AA > 2500 mAh ⁽⁷⁾ Minimum capacity AAA > **930 mAh**⁽⁷⁾ Minimum capacity Our packagings are FSC[®] certified 1 **FSC** www.fsc.org FSC® N003949 The mark of responsible forestry Min. Size ltem code Capacity AA 52333160 2500 mA 52333199 AA 2500 mA 52333180 AA 2500 mA

52363160

52363199

52363180

AAA

AAA

AAA

Panasonic

eneloop prom



Min. Capacity	Global Code	CSU EAN	Batteries/ CSU	CSU/ Carton
2500 mAh	BK-3HCDE/2BE	5410853064145	2	20
2500 mAh	BK-3HCDE/4BE	5410853064152	4	20
2500 mAh	BK-3HCDEC4BE	5410853065036	4 + case	10
930 mAh	BK-4HCDE/2BE	5410853064237	2	20
930 mAh	BK-4HCDE/4BE	5410853064244	4	20
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. ⁽²⁾ Battery tested at 20°C ambient temperature self-discharge condition 0.21t (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





IMPROVED CAPACITY





AAA

+ 600 - 1000 hours of radio



ltem 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

Panasonic

eneloop



⁽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 0.2lt (E.V.=1.0V)





eneloop lite ...

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.











ltem 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

eneloop lite ...

⁽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 0.2lt (E.V.=1.0V). ⁽⁴⁾ More info about "Memory Effect" on p. 19



Comparison chart

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

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

eneloop	eneloop lite - eneloop lite	<i>Alkaline</i> alkaline battery
± 600 shots	± 300 shots	± 100 shots
± 2 hours	±1hour	±1hours
± 80 days	± 40 days	± 110 days
± 6 hours	± 3 hours	±7 hours
± 1000 shots	± 500 shots	± 250 shots
± 3 hours	± 1.5 hours	± 2 hours
± 5 hours	± 2.5 hours	± 5 hours
± 20 hours	± 10 hours	± 30 hours
± 2 years	±1year	± 2 years
± 60 hours (AAA in standby mode) ⁽²⁾	± 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 apximate. Runtime specifications may be different when eneloop is used with appliances not included in the table.





Chargers

The ideal charger for your eneloop Ready to Use rechargeable batteries

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



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



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





Plug into A/C outlet Remaining Power Displayed



Charge mobiles and tablets via the USB output



⁽¹⁾ Based on internal testing.

LCD Display

¹⁰ 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.

Panasonic

Chargers

STANDARD 4-SLOT CHARGERS





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.



Chargers

FREQUENT CHARGING / OFFICE CHARGER



ENTRY CHARGERS



⁽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

- 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



BASIC USB CHARGER - BQ-CC61

- ► 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

Panasonic

Chargers



USB-IN CHARGERS

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



⁽³⁾ "- Delta V": 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.

Panasonic

Chargers



Charger overview

		PROFES	SIONAL	STANDARD CH		CHARGERS	OFFICE CHARGER	
					eneloop P		eneloop Changes Changes	
		BQ-(CC65	BQ- K-KJ5	CC55 5MCD	BQ-CC17 K-KJ17MCD	BQ-CC63	
		PF CHAI	RO RGER	SMAR CHA	TPLUS RGER	SMART CHARGER	SMART 8 CHARGER	
Battery Type		Ni-	MH	Ni-	МН	Ni-MH	Ni-MH	
Charging Tin	ne	1 / 2 pcs	3 / 4 pcs	1 / 2 pcs	3 / 4 pcs	1 - 4 pcs	1 - 8 pcs	
enelbop pro	AA	2 hrs	4 hrs	2 hrs	4 hrs	9 hrs	6 hrs	
eneloop pro	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	
eneloop	AAA	1.5 hrs	3 hrs	1.5 hrs	3 hrs	6 hrs	3 hrs	
and the second	AA	0.75 hrs	1.5 hrs	0.75 hrs	1.5 hrs	3.5 hrs	2.5 hrs	
eneloop lite	AAA	1.25 hrs	2.5 hrs	1.25 hrs	2.5 hrs	5 hrs	2.5 hrs	
Specification	าร				•			
nput		AC100-240	V 50-60Hz	AC100-240	V 50-60Hz	AC100-240V 50-60Hz	AC100-240V 50-60Hz	
Charging outpu	t	DC 5V 1A/ DC 1.5V AA DC 1.5V AA	USB-A 1-slot x 750mA x 4 A 275mA x 4	DC AA 750 AAA 27	1.5V 0mA x 4 5mA x 4	DC 1.5V AA 300mA x 4 AAA 150mA x 4	DC 1.5V AA 500mA x 8 AAA 300mA x 8	
Charging contro	ol	Smart C	Smart Charge ⁽¹⁾		harge ⁽¹⁾	Delta V ⁽¹⁾	Delta V ⁽¹⁾	
ndicator		LCD di Battery capac Discharg	LCD display : LED x Battery capacity – Life check Charging Discharge mode Fully charg) x 4 ng: ON, rged: OFF	LED x 4 Charging: ON, Fully charged: OFF	LED x 8 Charging: ON, Fully charged: OFF	
Charger battery	/	AA x 1 - AAA x 1	AA x 1 - 4 cellsAA x 1 - 4 cellsAAA x 1 - 4 cellsAAA x 1 - 4 cells		AA x 1 - 4 cells AAA x 1 - 4 cells	AA x 1 - 8 cells AAA x 1 - 8 cells		
Dimensions (ap	prox.)	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	L x W x D: 119 x 147 x 28 mm	
Weight (approx	.)	225g (witho	out AC cord)	EU: 124g / UK: 131g		107g	236g (without AC cord)	

⁽¹⁾ Explanation charging controls: see p. 35



E	N	TF	Υ	С	H/	46	RG	Е	R	S
			<u> </u>	\sim			\sim	-		~





BQ-CC51

BASIC

CHARGER

COMPACT CHARGER

BQ-CC50

K-KJ50MCD

Ni-MH	Ni-MH	Ni- <i>N</i>	МН	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 eneloce pro
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 eneloop
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	
8 hrs	8 hrs	1.25 hrs	2.5 hrs	8 hrs	AAA eneloop lite

				opecifications
Input	DC 5V	DC 5V	AC100-240V 50-60Hz	AC100-240V 50-60Hz
Charging output	DC 3V 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 1.5V AA 200mA x 2 AAA 80mA x 2	DC 3V AA 200mA x 2 AAA 80mA x 2
Charging control	Timer cut ⁽¹⁾ (10 hours)	Smart charge ⁽¹⁾	Timer cut ⁽¹⁾ (13 hours) individual	Timer cut ⁽¹⁾ (13 hours)
Indicator	LED x 2 Charging: ON, Fully charged: OFF	LED x 4 Charging: ON, Fully charged: OFF	LED x 2 Charging: ON, Fully charged: OFF	LED x 2 Charging: ON, Fully charged: OFF
Charger battery	AA x 2 or 4 cells AAA x 2 or 4 cells	AA x 2 or 4 cellsAA x 1 - 2 cellsAA x 1 - 4 cellsAAAA x 2 or 4 cellsAAA x 1 - 2 cellsAAA x 1 - 4 cellsA		AA x 2 or 4 cells AAA x 2 or 4 cells
Dimensions (approx.)	L x W x D: 85 x 66 x 27 mm	L x W x D: 85 x 66 x 29 mm	L x W x D: 121 x 50 x 66.2 mm	L x W x D: 108 x 66 x 65.1 mm
Weight (approx.)	78g (without USB cord)	89g (without USB cord)	86g	EU: 100g / UK: 110g

USB-IN CHARGERS







BQ-CC87 K-KJ87MCD

BASIC **USB CHARGER**

BQ-CC61

K-KJ61MCD

TRAVEL	CHARGER

SMARTPLUS USB



Shopper insights



Main reasons to buy rechargeable batteries

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





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

WHAT INFO ARE THEY SEARCHING FOR?

Panasonic

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



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

posters



blistersized leaflet









Panasonic



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



encloop 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



eneloop's Partner Portal

where you can find all relevant Marketing and product information



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

Where to buy encloop batteries?



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

Go to: <u>www.panasonic-eneloop.eu</u>

Panasonic

Online communication

- Product spec sheets
- Packaging spec sheets
- Display information
- Sales folders
- Charger manuals
- Certificates
- Product visuals
- Lifestyle visuals
- Advertisement



Panasonic

tenne





eneloopglobal





eneloop.eu





eneloop_europe

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





Cross reference

	High	Middle	Low
Blister			eneloop lite
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

ΔΔ

	AAA					
	High	Middle	Low			
Blister		CONTRACTOR				
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			

⁽ⁱ⁾ Panasonic internal IEC61951-2(7.3.2) testing (varies according to conditions of use).
 ⁽ⁱ⁾ 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).

Panasonic

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

Technical specifications



www.panasonic-eneloop.eu www.facebook.com/eneloop.eu



Copyright© Advanced Power Solutions NV (2022) - All rights reserved. "All product information contained in this brochure is for information purposes only. Since product specifications/availability may differ from country to country, the information contained herein should not be used or relied upon as a substitute for information that is available to you from our local dealers. The information contained herein is designed to be as comprehensive as possible. Advanced Power Solutions NV reserves the right, however, to make changes at any time, without notice, to models, equipment, specifications and availability. 05/2022. Promoter: Advanced Power Solutions NV, M. Grohmann, Brusselsesteenweg 502,1731 Zellik, Belgium. For other local offices: www.panasonic-eneloop.eu

