Chargers

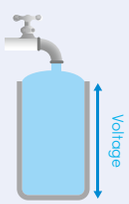


The ideal charger for your eneloop Ready to Use rechargeable batteries

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 (-ΔV)
detects the voltage and stops charging just after overflow.



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

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Ready to use Rechargeable Battery ™

Chargers

PROFESSIONAL CHARGER





READY IN **2 h** *1
AA 2 CELLS

PRO CHARGER - BQ-CC65

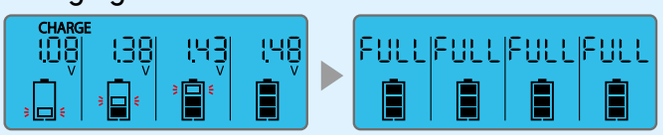
- Rapid Charge – 2x AA (2500 mAh): ± 2 hours / 4x AA (930 mAh): ± 4 hours
- Individual battery charge control (Smart Charge(2))
- Can charge 1, 2, 3 or 4 batteries at the same time
- Possibility to charge your phone via integrated USB port
- Large LCD showing battery status: Battery Capacity / Life Check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

More information:

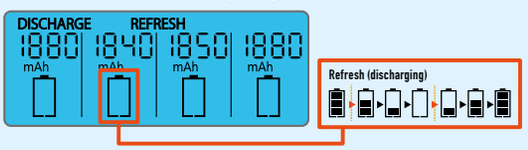
LCD Display

- 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

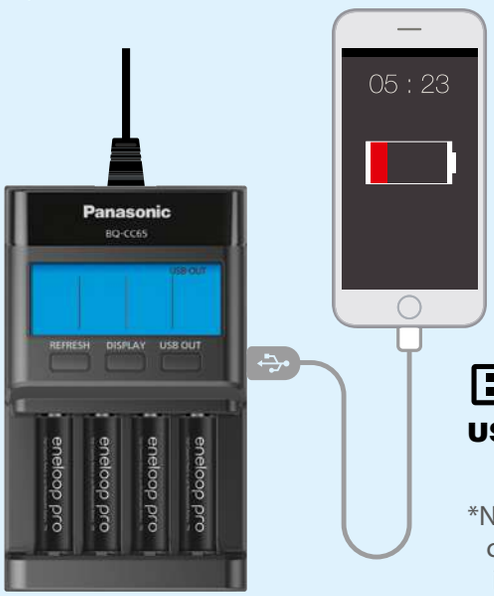
Charging



Refresh (Discharging)



Charge mobiles and tablets via the USB output



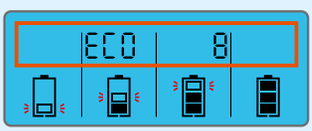
USB-OUT

*Note: USB cable not included

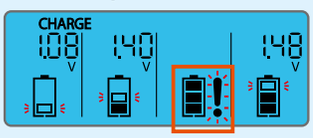
Abnormal



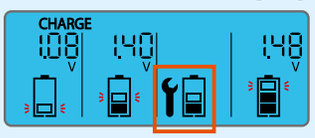
Eco Counter



End of Cycle Life is near



Maintenance Charging



(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.

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STANDARD 4-SLOT CHARGERS

SMARTPLUS CHARGER - BQ-CC55

READY IN 1 1/2 h *1 AA 2 CELLS

- 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







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.

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FREQUENT CHARGING / OFFICE CHARGER





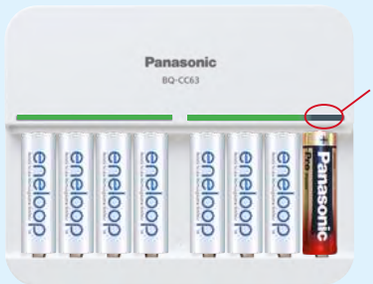
READY IN **5h** *1
AA 2 CELLS

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 **10h** *1
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.

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BASIC CHARGER - BQ-CC51

READY IN 10h[*1] 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





SMARTPLUS USB TRAVEL CHARGER - BQ-CC87

READY IN 2¼h[*1] AA 2 CELLS

- 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 10h[*1] 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] "– Delta V": detects voltage drop just after full-charge and stops charging.
[4] "Timer Cut": charging stops after a preset time.

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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.

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Chargers



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Charger overview

	PROFESSIONAL	STANDARD CHARGERS		OFFICE CHARGER
				
	BQ-CC65	BQ-CC55 K-KJ55MCD	BQ-CC17 K-KJ17MCD	BQ-CC63
	PRO CHARGER	**SMARTPLUS CHARGER**	**SMART CHARGER**	**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
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
eneloop lite 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
Specifications				
Input	AC100-240V 50-60Hz	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	DC 1.5V AA 500mA x 8 AAA 300mA x 8
Charging control	Smart Charge [1]	Smart charge [1]	Delta V [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	LED x 8 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	AA x 1 - 8 cells AAA x 1 - 8 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	L x W x D: 119 x 147 x 28 mm
Weight (approx.)	225g (without AC cord)	EU: 124g / UK: 131g	107g	236g (without AC cord)

[1] Explanation charging controls: see p. 35

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ENTRY CHARGERS

USB-IN CHARGERS



BQ-CC51

BASIC CHARGER



BQ-CC50
K-KJ50MCD

COMPACT CHARGER



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 eneloop 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	AA eneloop lite
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.)**

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