## 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)
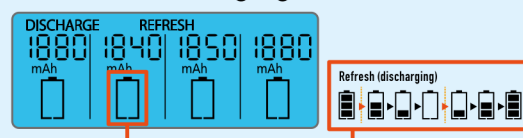▶ Connected via AC cable (included)

**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
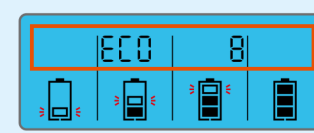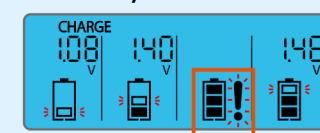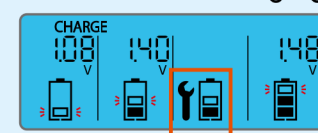▶ Discharge Function including battery condition

### Charge mobiles and tablets via the USB output

05 : 23

**USB-OUT**

*Note: USB cable not included

### Charging

CHARGE
1.08 1.38 1.43 1.48
V V V V

FULL FULL FULL FULL

### Refresh (Discharging)

DISCHARGE REFRESH
1880 1840 1850 1880
mAh mAh mAh mAh

Refresh (discharging)

### Abnormal

### Eco Counter
ECO 8

### End of Cycle Life is near
CHARGE
1.08 1.40 1.48
V V V

### Maintenance Charging
CHARGE
1.08 1.40 1.48
V V V

(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**

**READY IN**
**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

Red light blinks

**Plug into A/C outlet** | **Remaining Power Displayed** | **~ 20%** | **20~80%** | **80 % to Fully Charged** | **Non rechargeable Battery Detection**

### SMART CHARGER - BQ-CC17

**READY IN**
**7 h** *1
**AA 4 CELLS**

▶ 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)

will not charge

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
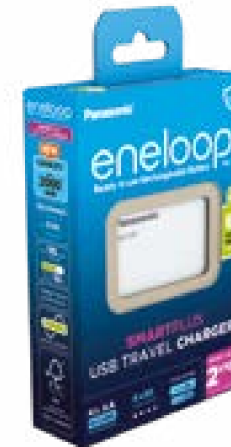▶ USB cable included

### 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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| 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 65.5 mm | 124 g | 8 |
| 5410853063919 | K-KJ55HCD40E | 4x eneloop pro | AA | EU | 120 x 68 x 65.5 mm | 124 g | 8 |
| 5410853063964 | K-KJ55HCD40U | 4x eneloop pro | AA | UK | 120 x 68 x 62 mm | 132 g | 8 |
| 5410853063933 | K-KJ55MCD40E | 4x eneloop | AA | EU | 120 x 68 x 65.5 mm | 124 g | 8 |
| 5410853065173 | K-KJ55MCD40U | 4x eneloop | AA | UK | 120 x 68 x 62 mm | 132 g | 8 |
| 5410853063865 | K-KJ17MCD40E | 4x eneloop | AA | EU | 105 x 65 x 65mm | 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 65.1 mm | 100 g | 8 |
| 5410853063896 | K-KJ51MCD40E | 4x eneloop | AA | EU | 108 x 66 x 65.1 mm | 100 g | 8 |
| 5410853063902 | K-KJ51MCD04E | 4x eneloop | AAA | EU | 108 x 66 x 65.1 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 65 x 27.5 mm | 65 g [1] | 8 |
| 5410853063988 | K-KJ61MCD40USB | 4x eneloop | AA | USB | 85 x 65 x 27.5 mm | 65 g [1] | 8 |
| 5410853063995 | BQ-CC87USB | — | — | USB | 85 x 66 x 29 mm | 85 g [1] | 8 |
| 5410853065159 | K-KJ87MCD40USB | 4x eneloop | AA | USB | 85 x 66 x 29 mm | 85 g [1] | 8 |

[1] Excluding AC cord or USB cable.

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# Charger overview

## Left table
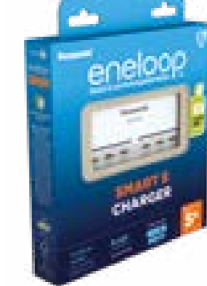
|  | BQ-CC65 | BQ-CC55 K-KJ55MCD | BQ-CC17 K-KJ17MCD | BQ-CC63 |
|---|---|---|---|---|
|  | **PRO CHARGER** | **SMARTPLUS CHARGER** | **SMART CHARGER** | **SMART 8 CHARGER** |
| **Battery Type** | Ni–MH | Ni–MH | Ni–MH | Ni–MH |
| Charging Time | 1 / 2 pcs — 3 / 4 pcs | 1 / 2 pcs — 3 / 4 pcs | 1 – 4 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) |

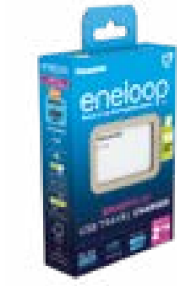[1] Explanation charging controls: see p. 35

## Right table
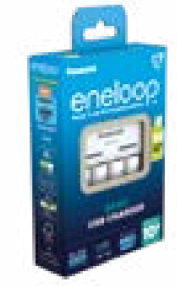
|  | BQ-CC51 | BQ-CC50 K-KJ50MCD | BQ-CC87 K-KJ87MCD | BQ-CC61 K-KJ61MCD |  |
|---|---|---|---|---|---|
|  | **BASIC CHARGER** | **COMPACT CHARGER** | **SMARTPLUS USB TRAVEL CHARGER** | **BASIC USB CHARGER** |  |
| **Battery Type** | Ni–MH | Ni–MH | Ni–MH | Ni–MH | **Battery Type** |
| **Charging Time** | 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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