

Smart & Quick BQ-CC87

Charging Time
Approx. 2.25 hrs. (2x AA)



INDIVIDUAL
CONTROL



SMART
CHARGE



USB CABLE
INCLUDED



USB OUTPUT



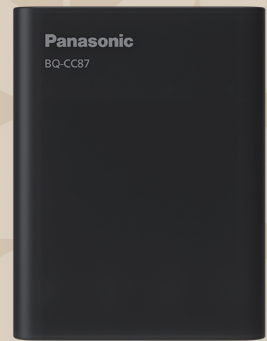
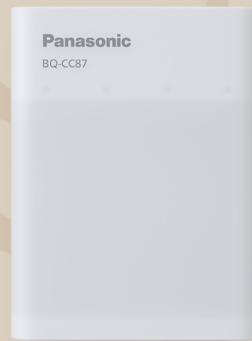
USB INPUT



SUITABLE FOR USE
ANYWHERE IN THE
WORLD



4 LED
INDICATORS



Product information

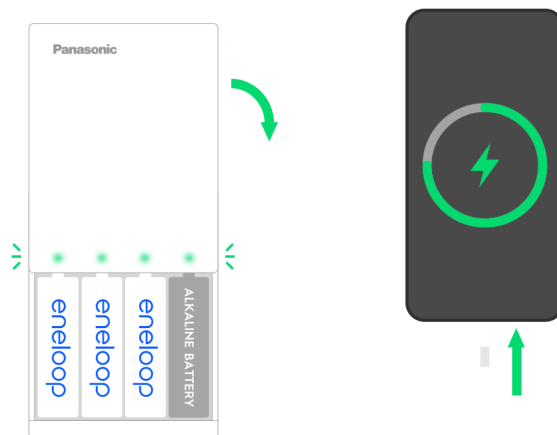


Charge your mobile with AA batteries

Charge your devices using stored energy from any four AA batteries via the DC 5 V USB Output function. Four eneloop AA batteries will charge a smartphone battery to about 50%*. You can use a mix of four AA batteries of any type (even dry batteries) to charge your phone in an emergency or top up personal devices such as wireless headphones on the go. To use, connect your device via USB cable and press the PUSH DC OUT button until all LEDs on the front turn green. Press again to cancel the DC output.

Note: Do not install batteries other than eneloop and eneloop pro in BQ-CC87 except when using DC 5 V USB Output. Do not charge dry batteries. USB charging cable to connect a compatible device is not included. When the DC 5 V USB Output is used, four LEDs on the charger blink green every two seconds.

** Estimate when recharging a 3.7 V / 2700 mAh smartphone battery with 4x eneloop AA batteries. Varies depending on the environment and battery condition.*



Individual Charge Control and Smart Charge

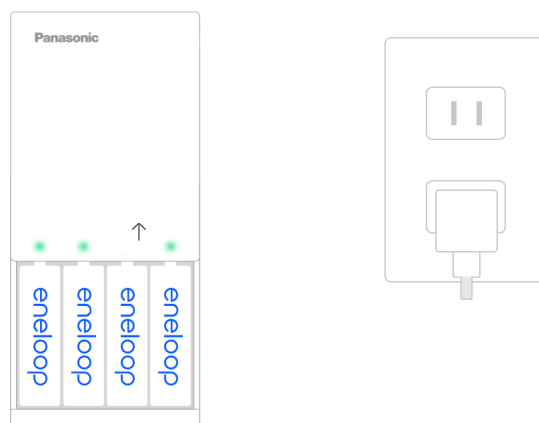
BQ-CC87 features Individual Charge Control technology. It can individually charge one, two, three, or four eneloop or eneloop pro batteries in AA/AAA sizes in any combination. Smart Charge detects when each individual battery is fully charged and shuts off power to that slot before battery overflow, protecting and extending battery life.

Note: Charging time is approximate and varies depending on temperature and battery condition.

DC 5 V USB input lets you charge on the go

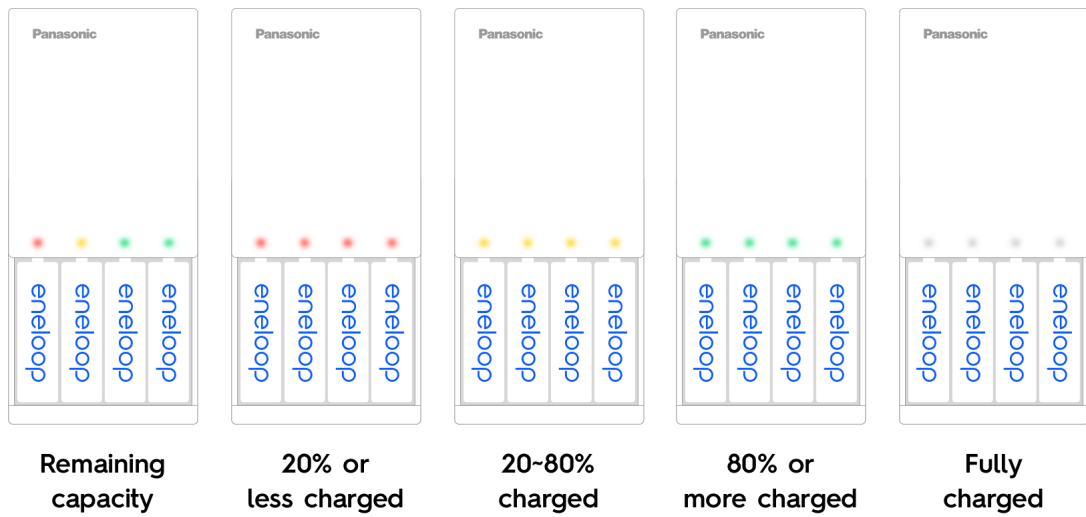
BQ-CC87 makes an ideal traveling companion thanks to DC 5 V USB input. You can use your laptop's USB port, a power bank, your phone's AC adapter, or the DC 5 V outlet in your car or airplane seat to charge your eneloop batteries. Since there are always more devices to charge than AC outlets, being able to charge eneloop and other devices with an aftermarket multi-port AC adapter is handy, especially when you travel.

Note: USB power adapter not included.



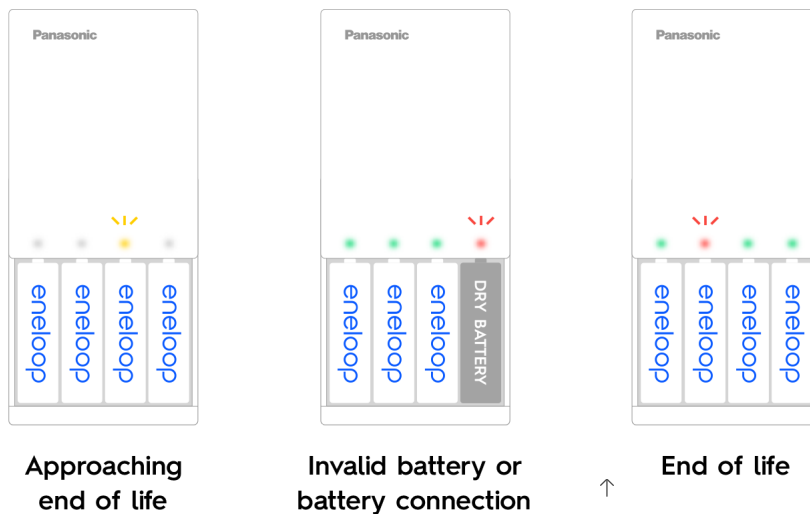
LEDs show remaining capacity and charging progress

BQ-CC87 measures the voltage of each individual battery to estimate its remaining charge. Four separate 3-color LEDs indicate this information to give you an idea of each battery's charging progress. A red light means the battery is 20% or less charged, yellow means it is between 20% and 80% charged, and green means the battery is 80% or more charged. When the light turns off, the battery is fully charged and ready to use.

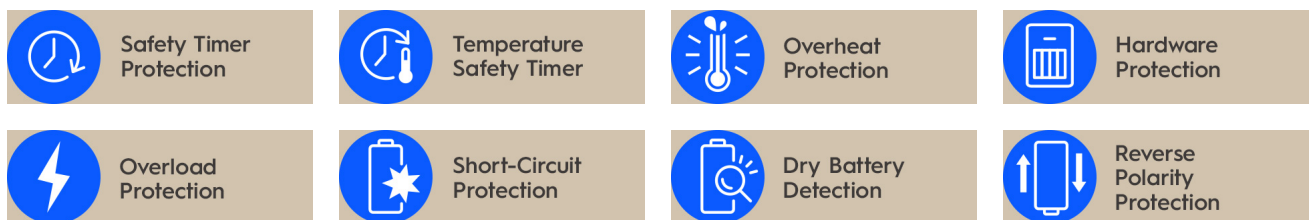


Battery checker with LED indicators

When a battery is nearing end of life, the light above its slot flashes yellow. Red flashes mean you've inserted a battery incorrectly or installed a dry battery by mistake (the safety system shuts off the power and prevents short circuits in both cases). If the light still flashes red after checking the above, it's time to replace the battery.

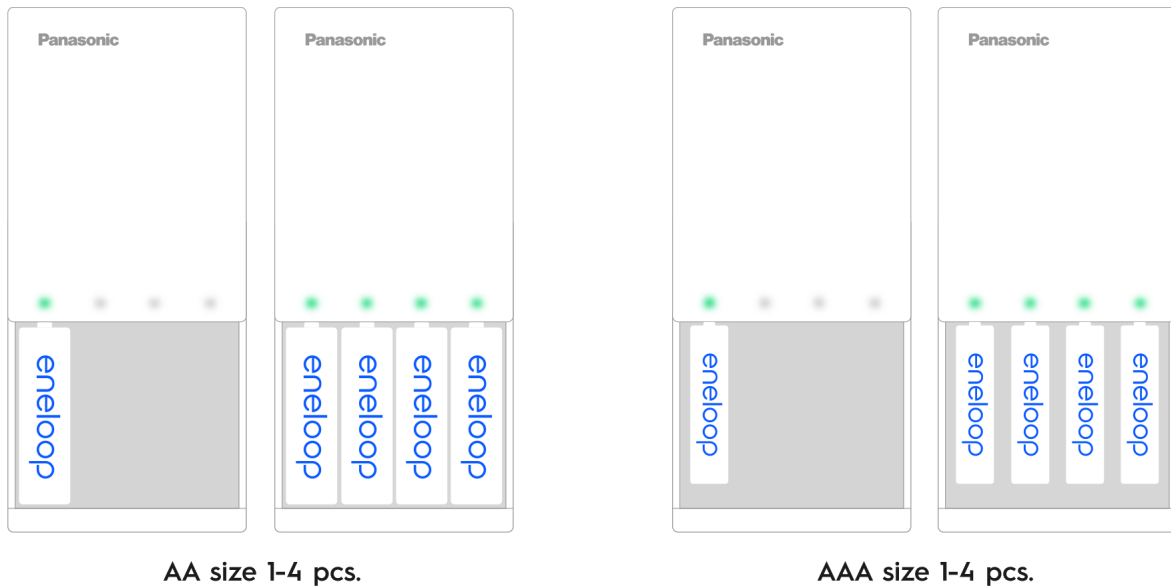


Safety System



Supported battery combinations

Individual Charge Control allows you to recharge any combination of up to four AA/AAA eneloop and eneloop pro, even single batteries or a mix with different sizes and capacities.



Using your battery charger

Step 1

Insert the batteries into the slots according to the indicated polarity (+/-). When inserting a battery, you should fit the battery's negative terminal end first and then gently press the top of the battery into the slot. Pull out the positive terminal end first when removing the battery.

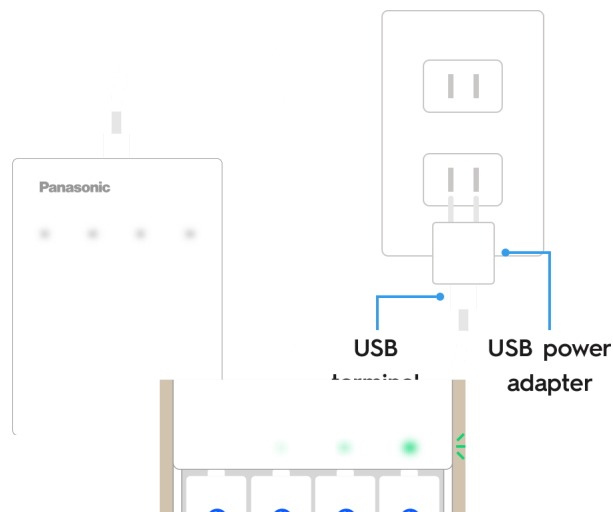
Note: Inserting the positive (+) terminal end of AAA batteries first may risk damaging the charger.



Step 2

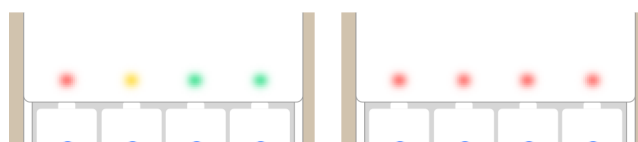
Connect the charger to a compatible USB power adapter using the supplied USB charging cable. Plug in the USB power adapter to an AC 100–240 V outlet. It's also possible to charge via a computer's DC 5 V USB port.

Note: USB power adapter not included.



Checking the battery status

LEDs light green from left to right for 3 sec.



Remaining capacity

20% or less charged

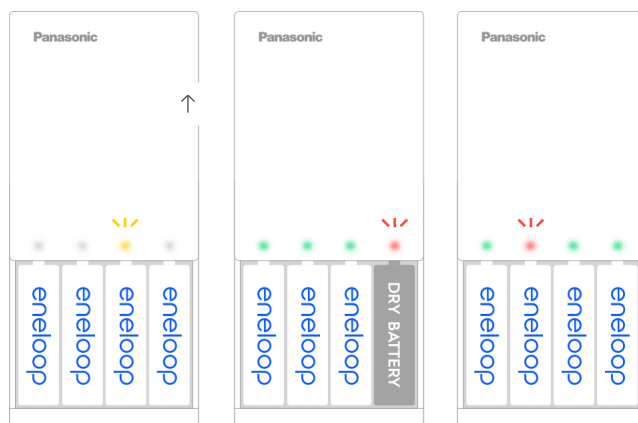


20-80% charged

80% or more charged

Step 3

The four LED indicators above the slots flash green from left to right for about three seconds while the charger checks the battery status. The remaining capacity of each installed battery is then separately indicated using three different colors (red: less than 20% charged, yellow: 20–80% charged, and green: more than 80% charged). If a battery is approaching the end of its life, the light above its slot flashes yellow. If an invalid battery is inserted or a battery is installed incorrectly, the light above its slot flashes red, and power to that slot is shut down to prevent damage to the battery and charger. If the battery is compatible and installed correctly, and the light flashes red, it has reached the end of its life and cannot be charged.



Approaching end of life

Invalid battery or battery connection

End of life

Step 4

When a battery is charged, the light above its slot turns off. Smart Charge detects its voltage and stops charging before overflow to protect and extend battery life.



Fully charged

Step 5

Disconnect the charging cable and USB power adapter from the AC outlet, or remove the charging cable from your device's DC 5 V USB port, and disconnect the cable from the charger. Remove the batteries as soon as possible after charging.

Specification

Input	DC 5 V USB input (USB Type A to USB Micro-B charging cable included) <i>Note: AC adapter not included.</i>
Output	DC 5 V USB Output
Charging time	eneloop: Approx. 2.25 hours (1–2x AA), 4.5 hours (3–4x AA) eneloop pro: Approx. 3 hours (1–2x AA), 6 hours (3–4x AA) <i>Note: Charging times are approximate and may vary depending on the temperature and battery condition.</i>
Indicator	4-LED indicator (3 colors)
Compatibility	AA: 1 to 4 eneloop or eneloop pro batteries AAA: 1 to 4 eneloop or eneloop pro batteries <i>Note: Charger accepts up to four AA/AAA batteries in any combination.</i>
Charge control	Individual Charge Control (Individually charges any combination of 1–4x AA/AAA batteries)
Safety charge	Smart Charge (Detects battery voltage and stops charging before overflow)
Dimensions	66 (W) x 85 (L) x 28.5 (H) mm
Weight	85 g (Excluding USB cable)

Charging time estimates at room temperature

	Capacity	Charging time 1-2 pcs.	Charging time 3-4 pcs.
AA	2450-2550 mAh	3 hours	6 hours
	1900-2000 mAh	2.25 hours	4.5 hours
	950-1000 mAh	1.25 hours	2.5 hours
AAA	900-950 mAh	2.25 hours	4.5 hours
	750-800 mAh	2 hours	4 hours
	550-650 mAh	1.5 hours	3 hours

Note: Charging times shown in the table are approximate and can vary depending on temperature and battery status.

