

CB8E Charging Bank

The CB8E charges up to 8 cordless cap lamps. It is suitable for KH4E-Ex, KC4E-Ex, RN3U, RN4UB, IoT Cap Lamp Range, Belt and Portable Tags.

The CB8E 8 unit dual power charging bank can be mounted on the wall or placed on a table when using it with 240 VAC mains power. For use in vehicles, use the cigarette lighter power cord. It is the perfect size if you need a portable charging bank.

Specifications

Input	240 VAC or 12-24 VDC
Output	6 VDC or 4.2 VDC?
Dimensions	33 x21 x 5.5 cm
Weight	1.1 kg

Installation

- Carefully remove the CB8E from the packaging
- Three types of installation:
 1. Place it on a level table or bench.
 2. Mount it to the wall using the supplied mounting kit.
 3. Install into a vehicle using the cigarette lighter power cord.
- Connect the power cable to Charging Bank.
- Connect to 240 VAC mains or 12-24 VDC in vehicle.

Locking Plate - CB8(E)-LPU

The Locking Plate is an optional extra. It is mounted on the back of the CB8E, allowing each individual lamp to be padlocked onto the plate. The locking plate comes with 8 padlocks.



Charging Procedure

There is a charging indicator on the cap lamp and a charging indicator near each cradle on the charging bank. They indicate when the cap lamp is charging and when it is fully charged. This process does not need monitoring as the automatic over-load protection function will cut off the charging circuit when the cap lamp is fully charged.

Charging Indicator on Lamp (CIL) is always **Red** and indicates that the cap lamp is charging.

Charging Indicator on Charging Bank (CIC) is located near the locking pin either above or below the charging cradles. This indicates the charging status. **Green**, indicates no or small charging current. **Red** indicates a large charging current.

1. Turn on the power switch - CIC is **Green** indicating the power is on but no cap lamps are attached.
2. Turn off the cap lamp before putting it into the charging bank to charge.
3. Put the cap lamp into the charging cradle. You will hear a click.
4. CIL is **Red**. If not, check the connection. Try taking it out and putting it in again. If that does not work, check the charging electrodes on the cap lamp and the charging cradles. See maintenance on the next page.
5. If the cap lamp's battery is low, CIC is **Red**, indicating the cap lamp is actively charging.
6. When the battery is almost full, CIC alternates between **Red** and **Green**.
7. Cap lamps are fully charged when the CIC stays **Green**.
IoT Devices are fully charged when the CIC is **Green**. The CIC will then flash **Red** as the IoT devices search for a connection to the MTTQ or the internet.

Maintenance and Trouble Shooting

- Your charging bank needs to be maintained to allow for optional charging of your Roobuck cordless cap lamps. Please keep the electrodes on the charging bank and cordless cap lamp clean and dust free. Brush them with a nylon brush with or without electronic cleaning solvent, whenever electrode is dirty.
- **Do not store cordless cap lamps on the charging bank if it is turned on. Either turn off the charging bank or store the unused cordless cap lamps elsewhere.**

Warning

If your cordless cap lamps are not charging properly, check the electrodes on the cordless cap lamp and charging bank.

Indicators that the cordless cap lamps are not charging correctly:

- The CIL is not **Red** when charging.
- The CIC does not change from **Red** to **Green** to indicate the cap lamp is charged.

Next Steps

Clean the Spring Electrodes on the charging bank and the charging electrodes on the cap lamp with the brush. If there is a build up of dirt use an electronic cleaning solvent.

