



**HB 8879**  
**HB 8879V**

# Quick Recharger

## Content

1	Scope of delivery .....	10
2	For your safety .....	10
3	Scope .....	11
3.1	Inteded Use .....	11
3.2	Contraindications.....	11
4	Operating instructions .....	12
5	Meaning of the LED indications .....	13
6	Cleaning and maintenance .....	13
7	Warranty.....	13
8	Environmental protection .....	14
9	Technical data .....	14
10	Aftersales service address .....	14



## 1 Scope of delivery

HB 8879	Quick Recharger 230V/110W
HB 8879V	Quick Recharger 110V /110W
HB 8876	Accu 2000 mAh
	Operating instructions

## 2 For your safety



**Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

**Save all warnings and instructions for future reference.**



Do not use this battery charger before you have thoroughly read and completely understood this Instruction Manual. The documents mentioned should be kept for later use and enclosed with the battery charger, should it be passed on or sold. Please also observe the relevant national industrial safety regulations

### Special safety instructions

**Keep the battery charger away from rain or moisture.** The penetration of water into an electrical device increases the risk of an electric shock.

**Do not operate the battery charger on easily inflammable surfaces or in combustible environments.** The heating of the battery charger during the charging process can pose a fire hazard.

**This device is not intended to be used by persons (including children) with limited physical, sensory or mental capabilities, or lack of experience and/or knowledge, except if being supervised by a person responsible for their safety or having received instructions from this person on how to operate the device.**

**Provide for sufficient ventilation during operation. Do not operate the battery charger in enclosed cabinets or in close vicinity to heat sources.** Ambient temperatures in excess of +45 °C can lead to malfunctions.

**Do not charge other batteries. The battery charger is suitable only for charging original HEBU batteries (HB 8876) with the voltages listed in the technical data.** Otherwise there is danger of fire and explosion.

**Keep the battery charger clean.** Contamination can lead to danger of fire and explosion.

**Before each use, check the battery charger, cable and plug. If damage is detected, do not use the battery charger. Never open the battery charger yourself.**

Damaged battery chargers, cables and plugs increase the risk of an electric shock.

**Under abusive conditions, liquid may be ejected from the battery. Avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause skin irritations or burns.

**Vapours can escape in case of damage and improper use of the battery. Provide for fresh air and seek medical attention in case of complaints.** The vapours can irritate the respiratory system.

**Remove the battery from the charger and pull the mains plug when not using for extended periods.** Saving energy helps to save the environment.

**Cover off the contacts of battery when storing outside of the battery charger.** In case of short-circuiting by metallic bridging, there is danger of fire and explosion!

**When cleaning the battery charger, pull the main plug out of the socket.** There is danger of electric shock.

**Do not rivet or screw any name-plates or signs onto the battery charger.** If the insulation is damaged, protection against an electric shock will be ineffective. Adhesive labels are recommended.

## 3 Scope

### 3.1 Inteded Use

An electrically operated device (AC) designed to supply power to batteries or battery packs to restore the battery or battery pack operating condition. This device is usually connected to the main power grid and can either charge the batteries themselves (outside the device) or while still inside the device (on site) e.g. a defibrillator, ophthalmoscope, otoscope are. This device usually has the current and voltage controls to meet the different types of batteries.

### 3.2 Contraindications

There are no known contraindications.






## 4 Operating instructions

- Connect the battery charger to the socket outlet without a battery inserted. The yellow LED indicator lights up and signals operational readiness
- Insert the battery (Fig.1). The monitoring of the charge procedure is signaled by flashing green light.
- The end of the charge procedure is indicated by continuous green lighting.
- The rapid charging starts automatically as soon as the battery temperature is within the charge-temperature range of 0 °C to 45 °C.
- In case of an extremely deep discharged battery, the charging procedure may not start until after a delay of several minutes after sliding on the battery. When the battery is charged, the battery charger automatically switches from rapid charging to trickle charging; the green indicator lights up. Repeated inserting of a charged battery leads to overcharging and affects the service life of the battery.



**Fig.1:**  
Inserting the battery

## 5 Meaning of the LED indications

LED-Anzeige	Bedeutung
 continuous yellow light	The battery charger is ready for operation; mains voltage is given.
 green flashing light	The rapid charging is active.
 continuous green light	The rapid charging is ended and the trickle charging is active.
 red flashing light	Charging not possible due to the following possible reasons: <ol style="list-style-type: none"> <li>1. Contacts contaminated. Improvement measure: Clean the contacts by inserting and removing the battery several times.</li> <li>2. The battery is defective. Improvement measure: Replace the battery.</li> </ol>
 green flashing light and red flashing light	The battery temperature is not within the charge temperature range of 0 °C to +45 °C. The rapid charging procedure starts as soon as the battery reaches the allowable charge-temperature range.

## 6 Cleaning and maintenance



**Danger of injury through unintentional activation.**  
**Pull out the plug before any cleaning or maintenance work.**

Once per week; more often in case of frequent usage:



- Keep the contacts in the slide-on shoe clean.
- Clean electrical contacts only dry.
- Pay attention that metal chips do not enter the housing of the battery charger.

## 7 Warranty

We guarantee HEBU rechargers according to countries legal and customary regulations (proof by either an invoice or delivery note). The guarantee is valid for a minimum of 18 months. In the case of material or production discrepancies, we will replace the equipment free of charge. This guarantee becomes invalid should a Third Party attempt to repair the equipment.

Damage that occurs due to improper handling, over-stressing or by normal wear-and-tear are exempt from the warranty. Please contact our Customer Service Department.



In cases of guarantee and repairs, please include a copy of the invoice or delivery note.

## 8 Environmental protection

Packaging, worn out battery chargers and accessories should be sorted for environment-friendly recycling.



## 9 Technical data

Type	HB 8879	HB 8879V
Mains connection	220-240 Volt, 50/60 Hz.	110-120 Volt, 50/60 Hz.
Rated current consumption	110 Watt	110 Watt
Battery-types	HB 8876	HB 8876
Charging time	20 bis 60 min	20 bis 60 min
Conversation-charge	160 mAh	160 mAh
Weight	0,75 kg	0,75 kg
Protection class	II 	II 

## 10 Aftersales service address

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