



254901

SBC 12 H

Operating instructions

HILTI

Safety Precautions

Read all Instructions

GENERAL SAFETY RULES FOR ALL BATTERY OPERATED TOOLS

WARNING!

Read and understand all instructions.

Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS

1. Work Area

- Keep your work area clean and well lit. Cluttered benches and dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep bystanders, children and visitors away while operating a power tool. Distractions can cause you to lose control.

2. Electrical Safety

- Do not abuse the cord. Never use the cord to carry the tool. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords may create a fire.

Applies only to tools with a separable battery pack.

- A battery operated tool with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.
- Use battery operated tool only with specifically designated battery pack. Use of any other batteries may create a risk of fire.

3. Personal Safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.
- Avoid accidental starting. Be sure switch is in the locked or off position before inserting battery pack. Carrying tools with your finger on the switch or inserting the battery pack into a tool with the switch on invites accidents.
- Remove adjusting keys or wrenches before turning the tool on. A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enable better control of the tool in unexpected situations.
- Use safety equipment. Always wear eye protection. Dust mask, non-skid safety shoes, hard hat or hearing protection must be used for appropriate conditions.

4. Tool Use and Care

- Use clamps or other practical way to secure and support the workpiece to a stable platform. Holding the work by hand or against your body is unstable and may lead to loss of control.
- Do not force tool. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it is designed.
- Do not use tool if switch does not turn it on or off. A tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect battery pack from tool or place the switch in the locked or off position before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
- Store idle tools out of reach of children and other untrained persons. Tools are dangerous in the hands of untrained users.
- When battery pack is not in use, keep it away from other metal objects like: paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from

one terminal to another. Shorting the battery terminals together may cause sparks, burns, or a fire.

- Maintain tools with care. Keep cutting tools sharp and clean. Properly maintained tools with sharp cutting edge are less likely to bind and are easier to control.
- Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
- Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may create a risk of injury when used on another tool.

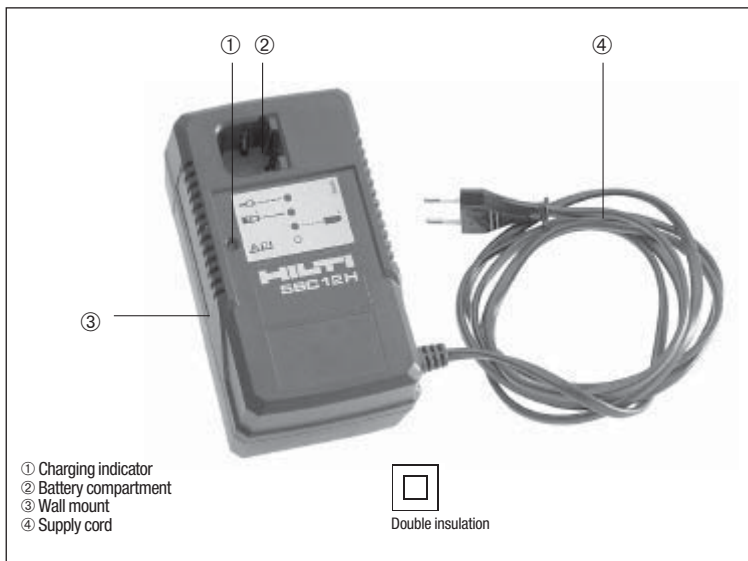
5. Service

- Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel may result in a risk of injury.
- When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of shock or injury.

Specific Safety Rule:

Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring. Contact with a «live» wire will also make exposed metal parts of the tool «live» and shock the operator.

SBC 12H one-hour charger



Technical data

Main voltage:	110–115 V
Main frequency:	60 Hz
Output current:	Charging current: 1.7 A Trickle charge current: 125 mA
Charging time:	Approx. 60 minutes for 2.0 Ah cells
Weight:	3.75 lbs (1.7 kg)
Supply cord:	6.5 ft. (2 m)
Power input:	Approx. 50 W
Electronic control of charging function:	By microcontroller
Battery cell temperature monitoring:	By diode
Provision for wall mounting	
Indicator:	Connected to main supply - red LED blinks (long intervals) Charging indicator - red LED lit continuously. Battery charged - red LED blinks (short intervals)

Screwdriver - See SB 10/SB 12 operating instructions.

Battery - See SBP 10/SBP 12 operating instructions.

Safety

Important:

● **The enclosed list of safety precautions must be observed!**

● **Do not use this product in any way other than as directed by these operating instructions.**

● The main supply voltage must correspond to the information printed on the rating plate. 230-volt units can also be connected to 220 and 240-volt main supplies.

● This charger should be used only for charging the Hilti SBP 12 and SBP 10 battery. The SBC 12H charger and the SBP 10, SBP 12 battery have been designed for each other for optimum performance.

● The charger must be able to give off heat during the charging procedure. The ventilation slots must, therefore, always be kept free.

Do not operate the charger in a closed container!

● Do not short-circuit the contacts on the battery charger or battery - this could present a risk of **fire or explosion!**

● The battery charger should be stored and operated in a clean, cool and dry place where it is protected from frost.

Initial operation / operating functions:

● Connect the charger to the main supply. The red LED must blink (long intervals).

● Insert the SBP 10, SBP 12 battery into the battery compartment. The battery must engage securely in the charger.

① Red LED charging indicator blinks (long intervals)

The charging indicator LED blinks at long intervals when the charger is connected to the main supply.

Red LED charging indicator lit continuously

The charging indicator LED lights continuously when the SBP 10, SBP 12 battery is being charged.

Red LED charging indicator blinks (short intervals)

The LED charging indicator blinks at short intervals when the battery has been charged. A trick-

le charging current flows to the battery during this phase of the charging cycle. The battery may be left in the charger for up to 2 weeks without use.

② Battery compartment

The SBP 10, SBP 12 battery clicks into position in the battery compartment ensuring correct contact is made.

③ Wall mount

Provision has been made for mounting the charger on a wall. The base of the charger housing is equipped with slots for this purpose.

Note

If the charging cycle does not begin when a dis-

charged SBP 10, SBP 12 battery is inserted into the charger, then battery is probably either too cold or too warm. The battery can be left in the charger and the charging cycle will begin automatically when the battery reaches a temperature between 0° C–65° C (32°F–150°F). The charger is equipped with an electronic temperature monitoring circuit. Under normal conditions, the SBP 10, SBP 12 battery will be charged after approx. 60 minutes. A trickle charge then flows in order to counteract the tendency to self-discharge.

The SBP 10, SBP 12 battery can be left in the charger for up to two weeks without risk!

Care and maintenance

- Always disconnect the charger from the main supply before beginning cleaning or maintenance.
- The contacts in the battery compartment must be kept free of oil and grease. Clean the contacts, if necessary, using a clean cloth.
- The ventilation slots should be kept clean. If an excessive amount of dust collects, clean the charger by blowing out dust with a jet of compressed air.
- A damaged supply cord should be replaced only by a Hilti service center.
- Electric tools must comply with the applicable safety regulations. Servicing may only be carried out by a trained electrical specialist. Optimum performance can be obtained by using only original Hilti spare parts.

Warranty

Hilti warrants that the tool supplied is free of defects in material and workmanship. This warranty is valid so long as the tool is operated and handled correctly, cleaned and serviced properly and in accordance with the Hilti Operating Instructions, all warranty claims are made within 12 months from the date of the sale (invoice date), and the technical system is maintained. This means that only original Hilti consumables, components and spare parts may be used in the tool.

This warranty provides free-of-charge repair or replacement of defective parts only. Parts requiring repair or replacement as a result of normal wear and tear are not covered by this warranty.

Additional claims are excluded, unless stringent national rules prohibit such exclusion. In particular, Hilti is not obligated for direct, indirect, incidental or consequential damages, losses or expenses in connection with, or by reason of, the use of, or inability to use the tool for any purpose. Implied warranties of merchantability or fitness for a particular purpose are specifically excluded.

For repair or replacement, send the tool and/or related parts immediately upon discovery of the defect to the address of the local Hilti marketing organization provided.

This constitutes Hilti's entire obligation with regard to warranty and supersedes all prior or contemporaneous comments and oral or written agreements concerning warranties.

Right of technical modifications reserved!

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