



Art. No.
37079

LI-ION BATTERY CHARGER

14S | 58.8 V | 10 A

OPERATING INSTRUCTIONS



IDENTIFICATION

PRODUCT

Battery Charger for 50.4 V Li-Ion
Battery | Art. No. 37079 | Model:
BSC58810000 | Country of Origin:
China

MANUFACTURER

BMZ GmbH
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Germany

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SERVICE

centralservice@bmz-group.com

SAFETY INFORMATION



WARNING

Read the operating instructions carefully before use and store them with your battery charger!

Failure to follow the warnings and instructions listed below may result in electric shock, fire and serious injury.

Follow battery manufacturer's instructions. Improper handling of lithium-ion batteries may cause fire, explosion, or chemical burns.

Only use this charger if it is approved for your battery (see battery's user manual).

Charge only li-ion batteries manufactured by BMZ. Do not charge lead acid-, NiCd-, NiMH or non-rechargeable batteries.

Ensure that the charge energy and charge current of your charger are compatible with your battery. Refer to the product labels or user manuals for information.

This charger is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the charger by a person responsible for their safety. Children should be supervised to ensure that they do not play with the device.

Cleaning and user maintenance shall not be carried out by children without supervision.

For indoor use only. Operate in a dry, ventilated, and dust-free area. Do not expose the charger to excessive humidity, rain or heat. Don't cover the charger while in use, to prevent over-heating.

Before use, check the housing, cables, and plugs of the charger for visible damage (i. e. cracks, warped

surfaces). Do not use the charger, if any damage is detected.

Connect charger only to a proper outlet.

Do not leave the charger unattended during the charging process.

After charging is completed, disconnect the battery from the charger and unplug the charger from the power outlet.

Keep the charger clean and dry. If cleaning is necessary, make sure the charger is unplugged and the battery is not plugged in. Use a dry or slightly damp, dust-free cloth to wipe the charger.

Do not charge overheated batteries. Stop charging if the battery's temperature gets over 130°F (55°C). To continue charging, the battery needs to cool down to room temperature. If you detect a chemical smell or smoke, or if the battery gets too hot to touch, stop charging immediately and contact the manufacturer.

Don't open the charger. Don't reach inside the charger with a tool. Don't put anything inside the charger.

Do not attempt to repair or alter the charger. Repairs may only be carried out by authorized personnel.

The power cord may only be replaced by an original spare part. Use of a

non-original part may pose a risk of fire.

SYMBOLS



Read operating instructions.



For indoor use only.



Meets requirements of applicable EC directives



In the EU, disposal in household trash is prohibited. Return to dealer or a recycling centre free of charge.

YOUR LI-ION-BATTERY CHARGER

INTENDED USE

This charger may only be used to charge Type 14S Li-ion-batteries manufactured by BMZ GmbH. Only use this charger if it has been approved for your battery (refer to battery's user manual).

TECHNICAL DATA

Art. No.	37079
operating voltage	100...240 V~ 50/60 Hz
power input (nom.)	ca. 650 W
charge current (nom.)	10 A
end of charge voltage	58.8 V
battery capacity	max. 25 Ah

Art. No.	37079
protection class	IP20
operating temperature	32...104 °F (0...40 °C)
storage temperature	-4...158 °F (-20...70 °C)
weight	3.75 pds (1700 g)
dimensions in inches (mm)	8.86 x 6.14 x 2.72 (225 x 156 x 69)

SCOPE OF DELIVERY

- charger with charging cable
- power cord (EU)
- operating instructions

SAFETY FEATURES

Protection against over current, short circuit, overvoltage and reversed polarity.

CHARGING YOUR BATTERY

INSTRUCTIONS

1. Fully insert the power cord into the charger and into a power outlet and switch on the charger.
2. Connect charging cord to the battery's charging socket.
⇒ Charging process starts.
3. Charger will switch off automatically as soon as battery is fully charged.
⇒ green LED.

DISPLAY

LEDs	Status
green	ready to charge
green	battery is initializing
■ ■ ■ ■ green	battery is charging
■■■■ green	battery is charged
■ ■ ■ ■ red	battery malfunction
■■■■ red	charger malfunction
off	turned off

TROUBLESHOOTING

BATTERY IS NOT CHARGING

Check if all plugs are connected properly and are fully inserted. Disconnect and re-connect all plugs to ensure proper connection.

Check if the charger's power switch is turned on.

Check your power outlet by connecting and turning on a different appliance.

Check if the charger's integrated fan turns on and is not blocked.

If the battery is still not charging
⇒ contact the battery vendor.

If LEDs are blinking red ⇒ remove battery from charger and contact the battery manufacturer.