

LI-ION CHARGER 10S | 42 VDC | 2 A

Operating instructions



Read carefully before use.
Keep for future reference.
Hand to next owner.



E-MOBILITY



DRIVE
SYSTEMS



ENERGY STORAGE
SYSTEMS



POWER- AND
GARDENTOOLS



INDUSTRIAL



MEDICAL

IDENTIFICATION

PRODUCT

Li-Ion Charger 10S | 42 VDC | 2 A
Model BSC42002000
Art. no. 27680-[...]
P/N: BC1191
Country of Origin: China


MANUFACTURER

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SERVICE

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Phone: +49 6188 9956-9833

SAFETY INFORMATION

 WARNING
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 device may be used by children 8 years of age or older and by persons with reduced physical, sensory or mental abilities or lack of experience and knowledge, if they are supervised or instructed in the safe use of the device. They must understand the resulting hazards. Children must not play with the appliance. Cleaning and maintenance must 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 while in use.

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. Do not open or alter the charger. Do not reach inside with a tool, do not put anything inside the charger. Repairs may only

be carried out by authorized personnel.

The power cord may only be replaced by an original spare part. Otherwise there is a risk of fire.

Connect charger only to a proper outlet (see technical data).

Supervise the charging process.

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

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.

SYMBOLS



Read operating instructions.



Protection class II (double insulation)



For indoor use only.



Meets requirements of applicable EC directives



Do not dispose of in household trash.

YOUR LI-ION-BATTERY CHARGER

INTENDED USE

This charger may only be used to charge type 10S Li-ion-batteries (36 V) that are manufactured by BMZ GmbH.

SCOPE OF DELIVERY

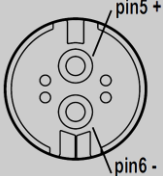
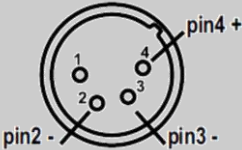

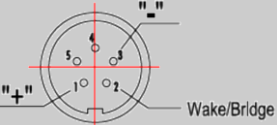
- charger with charging cable
- power cord (AC)
 - 27680 (EU)
 - 27680-1 (EU)
 - 27680-2 (EU)
 - 27680-3 (EU)
 - 27680-4 (EU)
 - 27680-5 (UK)
 - 27680-6 (without)
- operating instructions

TECHNICAL DATA

Art. no.	27680-...
operating voltage	100-240 VAC 50-60 Hz
charging current (nom.)	2.0 A
output voltage (nom.)	36 VDC
end-of-charge voltage	42 VDC
charging method	CC/CV
Auto power off	after 10 h
IP code	40

Art. no.	27680-...
operating temperature	0...40 °C
storage temperature	-20...70 °C

VARIANTS

art. no.:	charging plug
27680 27680-1	
27680-2	
27680-3	
27680-4 27680-5 27680-6	





CHARGING

INSTRUCTIONS

1. Insert the mains plug into the charger and into the mains socket.
2. Insert the charging cable into the battery's charging socket.
 - ⇒ The charging process starts.
 - ⇒ When the battery is full, the charging process stops automatically.

3. Disconnect the charger from the battery and the mains socket.

LED DISPLAY

blink pattern 5 sec ⇨	status
	ready to charge
	battery is charging
	battery is charged
	error

TROUBLESHOOTING

BATTERY DOES NOT CHARGE

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

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

If the battery still does not charge please contact your dealer.

DISPOSAL

In the EU, electrical appliances must not be disposed of in household waste. Hand in your old charger for free at your dealer or a municipal collection point.