

## LI-ION BATTERY CHARGER 10S 42 V | 4 A AND 4.5 A Operating Instructions



art. no.  
24555-[...]  
28555-[...]  
40675-[...]



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

Battery Charger for 36 V Li-Ion battery

Model BSC42004000  
(art. no. 24555-[...])

Model BSC42004500  
(art. no. 28555-[...] / 40675-[...])

Country of Origin: China

### MANUFACTURER

BMZ GmbH  
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63791 Karlstein am Main  
Germany

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Email: mail@bmz-group.com  
Web: www.bmz-group.com

### SERVICE

centralservice@bmz-group.com

## 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.

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.

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

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.

Stop the charging process if the battery starts overheating (over 130 °F / 55 °C). 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.

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.

Repairs may only be carried out by authorized personnel.

Do not open the charger, do not reach inside with a tool, do not put anything inside the charger.

Do not attempt to repair or alter the charger.

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.



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 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.	24555	28555 + 40675
operating voltage	230 V 50 Hz	100...240 V 50/60 Hz
power input (nom.)	appr. 180 W	appr. 210 W
charge current (nom.)	4.0 A	4.5 A
max. capacity	25 Ah 24555-10 → 35 Ah	35 Ah <sup>(*1)</sup>
end of charge voltage	42 V	

Art. no.	24555	28555 + 40675
operating temperature	0...40 °C 32...104 °F	
storing temperature	-20...70 °C -4...158 °F	
weight (pds/g)	1.697 / 770	
dimensions (inch/mm)	8.11 x 3.7 x 2.32 206 x 94 x 59	

(\*1) There is no capacity limit for art. #28555. The limit applies to art. #28555-1/-14/-15.

## SCOPE OF DELIVERY



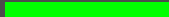

- charger with charging cable
- power cord
- operating instructions

## CHARGING YOUR BATTERY

### INSTRUCTIONS

1. Fully insert the power cord into the charger and into a power outlet.
2. Connect charging cord to the battery's charging socket.
  - ⇒ Charging process starts.
  - ⇒ The Charger switches off automatically when the battery is fully charged.
3. Unplug the charger from the power outlet and disconnect the battery.

## LED-DISPLAY

Blink Pattern 5 sec. ⇒	Status
	ready to charge
	battery is charging
	battery is charged
	Malfunction: Disconnect battery from charger and contact vendor.

## 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  
⇒ contact the battery vendor

### DISPOSAL

Do not dispose of the charger in household trash! In the EU, chargers that are no longer usable must be recycled in an environmentally friendly manner.

Please return the charger to the dealer or take it to your local collection point.