

Warranty Card

Terms of Warranty

To your energizer

Granit GB400

we issue warranty for a period of

3 years

at following conditions:

We issue warranty to your energizer **GB400** for a period of 3 years from date of selling at following conditions:

The selling date has to be proved by this certificate of guarantee, which has to be accurately completed by your dealer.

All deficiencies or damages during this period that can be traced back to faults of material or faults of fabrication, will be repaired costless, when the device is returned to us prepaid.

This warranty cannot be issued when the device is being connected to wrong power supply or when it was damaged due to an Act of God (e. g. lightning stroke or water damage). It also cannot be issued in any case of unauthorized intervention or maloperation.

Device: **Battery Energizer Granit GB400**

Selling date:

Serial number:

Dealer stamp/signature of dealer:

To execute repair works please contact your local GRANIT dealer:



86073C_BAL_GB400_GRANIT_ENGLISCH.p65

User manual (english version) 

Battery Energizer GB400

Order No. 580580102



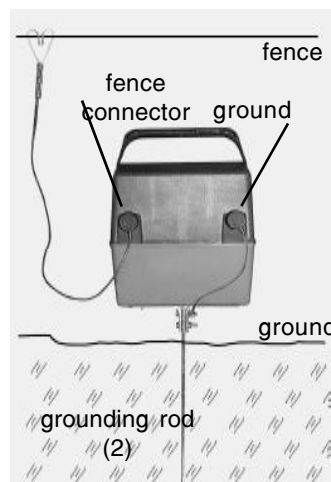
Packing unit:

- 1 battery energizer GB400
- 1 grounding rod with bracket
- 1 fence and grounding cable
- 1 warning plate
- 1 dry battery 9V / 55Ah
- 1 user manual and warranty card



Technical informations

The battery energizer **GB400** is powered by one 9V dry battery. Two levels of output power (strong / extra strong) can be selected. Power consumption is hereby reduced to gain maximum battery life depending on the required impulse power. In-built controls for fence and battery give best overview to all operating conditions.



operating voltage:	9V =	
power level:	strong	extra strong
load energy:	app. 0,25J	app. 0,4J
impulse energy:	app. 0,2J	app. 0,3J
current consumption:	app. 16mA	app. 21mA
off-load voltage:	app. 6500V	app. 7500V
with animal touching:	app. 2800V	app. 3500V
at load 500 Ohm:	app. 1200V	app. 1500V
theor. length of fence:	6km	7km
recommended length:	1-3km	2-5km
operating duration with 9V/55Ah battery:	app. 4 months	app. 3 months

Setting up

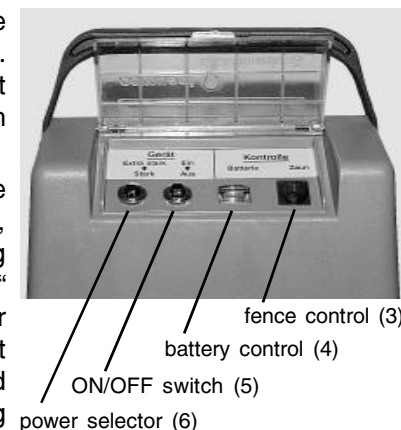
To remove and change the battery please remove the screws (1) at both sides of the energizer, then pull the handle upwards and lift the whole top. Put in the new battery and connect the battery wires +(red) and -(black) to the supply pins (+) and (-) of the energizer.

Hit the grounding rod (2) deeply into the ground at a humid place directly nearby your fence. Place your **GB400** onto the grounding rod. Connect the grounding rod (2) with the blue earthing cable to the ground connector of your energizer. Connect your fence and the fence connector of your energizer using the fencing cable. Turn on your **GB400** using the on/off-switch. With each fence impulse the fence control lamp (3) lights up. If the fence control (3) does not blink, a faulty fence, an empty battery or a damaged energizer (e. g. damaged by lightning stroke) could be a reason. To locate this please check the condition of the battery first. If the battery is in good order then turn off the energizer and disconnect the fence.



Now turn on the energizer again. If the fence control lamp lights now, check your fence. If the fence control lamp still does not light then probably the energizer is damaged. In this case contact your local dealer.

With the power selector (6) you can change power output from „strong“ to „extra strong“. Select „extra strong“ at difficult tending conditions and longer fences. Select „strong“ to save battery power using the energizer with normal tending conditions and short fences. If the battery control meter signs red then change the battery immediately. Using a low battery means that output power may be low and therefore the energizer cannot provide for tending safety.



Safety informations

Not following the safety instructions and an incorrect energizer setup could lead to hazard and may cause technical malfunction of the energizer. Please observe strictly following items:

- Always use proper fencing material when using flexible fencing wire. Wire of low quality is not recommended.
- Your energizer **GB400** can also be used for tending sensitive animals.
- Build up your fence solidly. Avoid your animals from getting tangled in your electric fence.
- Check the condition of your fence and your energizer daily.
- Full performance of your energizer **GB400** is achieved by using good isolated fences without fouling.
- Take care of a good grounding condition!
- Do not run your energizer **GB400** with electric power supplies which are directly connected to mains supply!