



## GE 20-2 ELECTRICAL INFLATOR - 12V



### SAVE THIS INSTRUCTION MANUAL FOR REFERENCE



#### **WARNING!**

Read all instructions before operating the inflator. Failure to follow all instructions listed below may result in product damage, and/or serious injury.



#### **WARNINGS:**

1. Read these instructions.
2. Keep these instructions.
3. Follow all instructions.
4. Do not exchange polarized DC Power Supply Terminals. Red is the Positive, Black is the negative one.
5. Protect the cord from being walked on or pinched.
6. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.



7. Do not disassemble product. Incorrect reassembly may result in a risk of Short Circuit.
8. Provide adequate ventilation and refrain from placing items on or around the product during operation.
9. Do not incinerate the battery even if it is severely damaged or is completely worn out. The battery can explode in a fire.  
Check with local codes for possible special disposal instructions.
10. If any leakage of liquid from the battery cells occurs, discontinue use immediately and return the battery to your local Bravo Service Center or authorized service facility.
11. Never attempt to open the battery for any reason.  
If the plastic housing of the battery breaks or cracks, immediately discontinue use and do not recharge.
12. Keep this product out of the reach of children.
13. Since the vibration produced by the inflator may cause it to “walk”, do not operate on a high shelf or other surface.



**DO NOT SUPPLY THE INFLATOR FROM EXTERNAL BATTERY AT HIGHER VOLTAGE THAN 13 VDC**

### **GENERAL SAFETY RULES**

1. **CONSIDER WORK AREA ENVIRONMENT.**  
Don't expose the inflator to rain. Don't use in presence of flammable liquids or gases.
2. **AVOID UNINTENTIONAL STARTING.**  
Don't start the inflator with the inlet port in contact with dust or water.
3. **STAY ALERT.**  
Watch what you are doing. Use common sense.
4. **CHECK DAMAGED PARTS.**  
Before further use of the inflator, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function.
5. **DO NOT OPERATE** portable inflators near flammable liquids or in gaseous or explosive atmospheres. Motors in these inflators normally spark, and the sparks might ignite fumes.
6. **WARNING! RISK TO BREATHING!**  
The compressed air from your inflator is not safe for breathing. Never inhale air from your inflator or from a breathing device connected to the inflator.
7. **WARNING! RISK OF BURSTING.**  
Inflate items only to their manufacturer's recommendations. Exceeding the pressure rating could cause them to explode resulting in personal injury.
8. **DO NOT LEAVE THE UNIT RUNNING UNATTENDED.**  
Overinflation could result in serious injury and property damage.
9. **WARNING! RISK OF UNSAFE OPERATION.**  
Do not modify or attempt to repair. Never drill into or make any modifications to the inflator or its attachments.
10. Never carry the inflator by the hose.

## IMPORTANT CHARGING NOTES

1. Longest life and best performance can be obtained if the battery is charged when the air temperature is between 18°- 24°C (65°F and 75°F).  
DO NOT charge the battery in an air temperature below +40°F (+4.5°C), or above +105°F (+40.5°C). This is important and will prevent serious damage to the battery.
2. The charger and battery may become warm to touch while charging. This is a normal condition, and does not indicate a problem.
3. DO NOT immerse charger in water or any other liquid.



**WARNING: DO NOT ALLOW ANY LIQUID TO GET INSIDE THE CHARGER.  
ELECTRIC SHOCK MAY RESULT**

4. DO NOT attempt to charge the battery with any chargers other than the ones in this manual.  
The charger and battery are specifically designed to work together.
5. The charger is not intended for any use other than charging the battery in the Inflator. Any other uses may result in risk of fire, electric shock or electrocution.
6. Make sure cord is located so that it will not be stepped on tripped over, or otherwise subjected to damage or stress.
7. Do not operate charger with a damaged cord or plug.
8. Do not operate the charger if it has received a sharp blow, been dropped, or otherwise damaged in any way.
9. Do not disassemble charger. Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
10. Never use another products charger to charge this product. Always use identical replacement parts only.
11. To operate the inflator insert the fuse, located inside the carry bag, first.
12. Charging time may take up to 8 hours.
13. Fully charge the battery and remove the fuse if the inflator is not used for more than 30 days.

## INTRODUCTION

GE 20-2 is a new portable, high efficiency electric Inflator that stands alone for reliability and function. The GE 20-2 is a twin cylinder, high performance pump able to inflate at any pressure between 10 and 1500 mbar. The pump starts when the ON push button is pressed and automatically switches off when the set pressure in the gauge is reached. The OFF button stops the unit when pressed by operator.

GE 20-2 is fully portable since a battery is included in the unit. In case of battery LOW it is possible to connect the unit to a cigarette plug or to an external 12V battery via alligator clips.

The unit can be recharged by a 110-240Vac adaptor or by a 12Vdc cigarette plug.

The INLET PORT is protected by a sand filter, the OUTLET PORT is fitted with a CHECK VALVE.

The unit is protected against high temperature. In case of external high temperature conditions or in case of continuous running, the inflator will automatically stops and a RED Light on the GAUGE will signal the status. When the RED light will go OFF it will be possible to restart the unit.

## SUGGESTED USES:

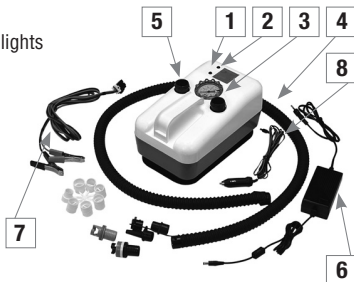
- Large rigid inflatable like SUPs / Inflatable Boats / Kayak / Kites / etc.
- Rafts / air mattresses / swimming pool floats / etc.

## CHARACTERISTICS:

- Capacity 125 L/min
- Max Pressure 1500 mbar (22 psi)
- Pressure setting Gauge with auto shut off
- Modes Inflate
- Safety Fuse 30 Amps
- Battery Charging port (Jack Type)
- External Battery Port Cable with alligator clips
- Inflation fittings Available for most common valves
- Carry bag dimensions 220x320x220 mm

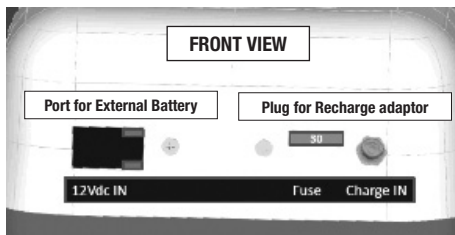
## FEATURES

1. On - Off switches
2. Pressure regulation gauge with diagnostic lights
3. Outlet (inflate) port
4. Air hose with adaptors
5. Inlet port
6. 110-240V adaptor
7. 12Vdc cable with alligator clips
8. 12Vdc vehicle cable plug



### Meaning of the gauge light:

1. Green RUN and battery OK
2. Yellow Battery LOW
3. Red Over-temperature. The unit stops
4. Red Battery TOO LOW. Press OFF



**HOSE AND CORD STORAGE**

- The 12Vdc cords and the air hose are located in the carry bag.
- The accessories like 110-240 Vac battery charger and cigarette plug are stored on the upper compartment of the carry bag.

**FITTING THE ACCESSORIES**

- Your inflator is supplied with the standard tapered nozzles that are located inside the upper compartment of the carry bag.
- Make sure that the Unit is **OFF** (no light on the gauge).
- Remove the hose from the storage location.
- Press the air hose clips to the port to inflate (OUT).
- Fit the air hose adaptor to the inflatable.

**OPERATING THE INFLATOR**

- To **INFLATE** Connect the tube to the outlet port. Set the pressure knob to the desired limit.
- Press the **ON** push button. The unit will start and the light on the gauge will turn **GREEN**. **The inflator will stop automatically when the inflatable reaches the set value.**
- If the light on the gauge turns **YELLOW** press **OFF** and connect the inflator to a vehicle plug or to an external battery via cable and alligator clips.
- If the light on the gauge turns **RED** press **OFF** and connect the inflator to an external battery via cable and alligator clips.

**WARNING**

Make sure polarity is correct (Red to Positive).

With wrong polarity the Inflator **WILL NOT START**.

- Press the **ON** push button; the unit will Start and the light on the gauge will turn **GREEN**.

**WARNING**

Exercise with care when connecting the cord to batteries in order not to short the battery with conducting materials such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.

**WARNING**

Check the proper Power Voltage. Do not operate a 12Vdc inflator with a 24 V power supply.

**WARNING**

Do not leave the unit running unattended. Over-inflation of items could result in serious injury.

**WARNING**

Excessive air pressure may cause a hazardous risk of bursting or personal injury. Check the manufacturer's maximum pressure rating for items being inflated.

## TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Unit will not Start	Battery LOW	Recharge the battery by the 110-240Vac battery charger or connect the unit to an external battery via alligator clips.
	ON push button not ON	Push the button to ON.
	The safety fuse is blown	Replace the fuse with one of the same size (30 A).
	Unit is damaged	Contact SCOPREGA Service Center.
Will not inflate	Wrong port connected	Connect the air hose to the proper port.
	Wrong setting on the pressure knob	Adjust settings.
	Battery LOW with YELLOW light ON	Connect the unit to an external battery via alligator clips or recharge the unit via the vehicle plug.
	Battery LOW with RED light ON	Connect the unit to an external battery via alligator clips.

### ACCESSORIES

Recommended accessories for use with your inflator are available from your local dealer or authorized service center



### WARNING

The use of any accessory not recommended for use with this inflator could be hazardous.





[www.scoprega.it](http://www.scoprega.it)