

# ***Rechargeable battery for the G 100***

## **1 Intended use**

The rechargeable battery must only be used to power the **G 100** generator.

## **2 Safety information**

- Always observe the permitted operating and storage temperatures. Protect the battery from exposure to temperatures above 60 °C. Very high temperatures can arise, for example, from strong sunlight.
- Protect the battery from moisture.
- Never short-circuit the two poles of the power connector.
- Never insert any objects into the charging socket.
- Avoid damage to the battery. Never drop or throw the battery. Never attempt to open or puncture the housing.
- Never dispose of batteries in a fire.
- Keep the battery out of reach of children.



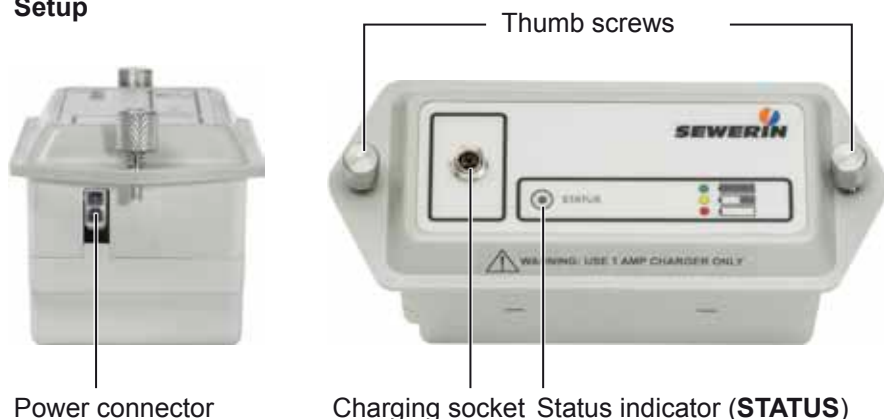
### **CAUTION!**

Any type of misuse or use of the battery for a purpose other than that intended could cause injury due to heat, smoke, fire or explosion.

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## 3 Setup and handling

### 3.1 Setup



Technical change (03/2013): The battery is marked with information about the maximum charging current ("WARNING: USE 1 AMP CHARGER ONLY").

### 3.2 Notes on use

When the battery is used to power the **G 100**, it must be fastened into the **G 100** battery compartment using the thumb screws.

### 3.3 Status indicator (battery charge level)

The status indicator contains an LED. This provides information about the charge level of the battery. The LED flashes approximately every 2 seconds.

LED	Significance
Green	Sufficient charge to operate the <b>G 100</b> .
Yellow	Battery not fully charged. The <b>G 100</b> can still be used. Charging the battery is recommended.
Red	Battery needs charging.

The red LED will switch off after a certain period of time to protect the battery (see also Section 3.5).

### 3.4 Charging the battery

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#### CAUTION!

The battery has a dedicated charger.

- Only charge the battery using the dedicated charger supplied by SEWERIN.
  - Following a technical change (03/2013) the battery must only be charged with maximum 1 A (output: <1 A). Do not use old SEWERIN chargers with new batteries.
  - Never leave the battery unattended during the charging process.
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The battery takes at least 4 hours to charge. Charging may take longer at low temperatures. The battery does not have to be removed from the **G 100** battery compartment for charging.

1. Plug the jack from the charger into the charging socket.
2. Connect the charger to the mains. Charging starts automatically. The **LED on the charger** flashes green.
3. The battery is fully charged when the **LED on the charger** is permanently green. Disconnect the charger from the battery.

### 3.5 Self-deactivation of battery

The battery is fitted with a protective circuit that automatically deactivates the battery to prevent deep discharging during use or in case of short circuit.

#### Self-deactivation to prevent deep discharging

If the battery is deactivated to prevent imminent deep discharging, then the LED stops flashing.

1. Wait a few minutes for the battery to recover.
2. Charge the battery (see Section 3.4).

#### Self-deactivation due to short circuit

Follow the procedure below to check that the battery was definitely deactivated due to a short circuit. Short circuits can occur in both the **G 100** and the battery. Faults can only be repaired by SEWERIN Service.

1. Remove the battery from the **G 100** battery compartment.

2. Attempt to charge the battery (see Section 3.4). The **LED on the charger** should flash green.

If the LED on the charger does not flash green, then the battery cannot be recharged. This confirms that self-deactivation was due to a **short circuit of the battery**.

3. Try to use the recharged battery to power the **G 100**. If the battery is de-activated again then the cause of self-deactivation was a **short circuit in the G 100**.

## 4 Storage

Store the battery as described below when it is not being used in the **G 100** generator for a long period of time.

- Store the battery separately from the **G 100** generator.
- Always store the battery in a cool, dry place. Ensure storage temperature is within permitted limits.
- Always store the battery well away from flammable materials.

## 5 Disposal

Dispose of the battery in accordance with locally applicable regulations.

## 6 Technical data

Construction:	High-strength ABS
Weight:	approx. 325 g
Charging time:	min. 4 h
Rated capacity	45 Wh (3.6 Ah at 14.8 V (nominal))
Operating temperature:	-20 °C – 60 °C
Storage temperature:	-20 °C – 60 °C
Charging temperature:	0 °C – 40 °C