

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.

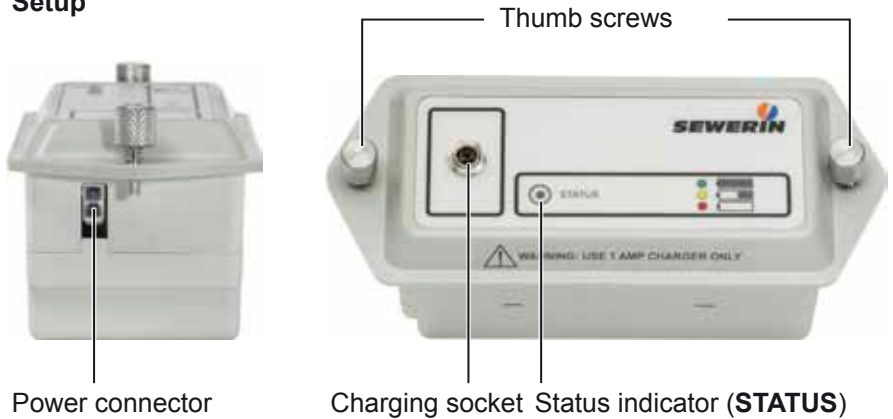


CAUTION!

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.

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 G 100 .
Yellow	Battery not fully charged. The G 100 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



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

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