

Rechargeable Battery for G 100

1 Intended use

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

2 Safety information

- Always insert the storage plug into the battery charging socket immediately the battery is removed from the battery compartment in the **G 100**. The storage plug must only be removed from the charging socket for the purpose of charging the battery if the battery has been removed from the unit.
- Always observe the permitted operating and storage temperatures. Protect the battery from exposure to temperatures above 60 °C, e.g. due to strong sunlight.
- Protect the battery from moisture.
- Never short-circuit the two poles of the power connector. Take precautions to prevent accidental short-circuits from metal objects when the storage plug is not in the charging socket.
- 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 children away from the battery.

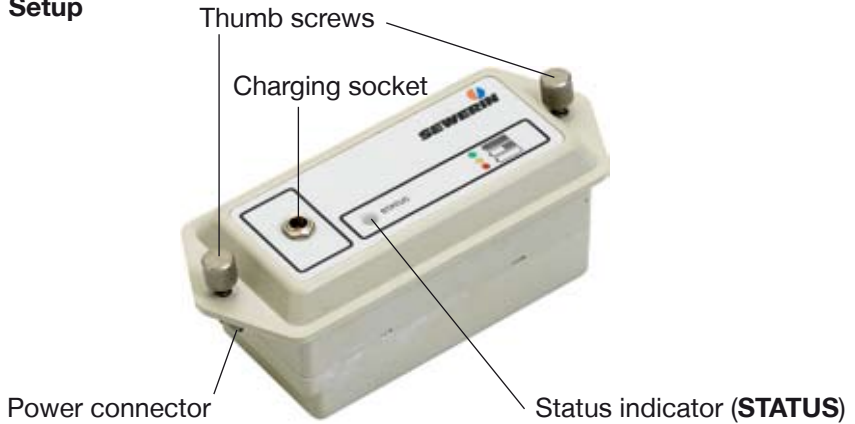


WARNING!

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



The storage plug is not shown.

3.2 Notes on use

When the battery is used to supply power to 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.

Note:

The status indicator only shows the charge level of the battery when the charging socket is not occupied. This applies if either the jack or the storage plug is inserted.

LED	Meaning
Green	Sufficient charge for operation of G 100 .
Yellow	Battery not fully charged. Operation of G 100 is still possible. 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



WARNING!

Only charge the battery using the charger supplied by SEWERIN. Never leave the battery unattended during the charging process.

The battery takes about 2 hours to charge. Charging may take longer at low temperatures. The battery does not have to be removed from the **G 100** battery compartment during charging. No power is supplied to the **G 100** during 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** lights up red. (The LED on the battery stops flashing.)
3. The battery is fully charged when the **LED on the charger** turns green. Disconnect the charger from the battery.

3.5 Self-deactivation of battery

The battery is fitted with a switch 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 for a few minutes to allow the battery to recover.
2. Insert the storage plug into the charging socket briefly and remove immediately. The LED flashes yellow.
3. Charge the battery (see Sect 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. Insert the storage plug into the charging socket briefly and remove immediately. The LED flashes red.

3. Attempt to charge the battery (see Section 3.4). The **LED on the charger** should light up red.

If the LED does not light up red, then the battery cannot be recharged. This confirms that self-deactivation was due to a **short circuit of the battery**.

4. Attempt to use the recharged battery to supply power to the **G 100**. If the battery is deactivated 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 in use in the **G 100** Generator.

- Insert the storage plug into the charging socket. This causes the power connector to be disconnected and removes any potential risk of a short circuit.
- 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

Material:	High-strength ABS
Weight:	Approx. 600 g
Charging time:	Approx. 2 h
Rated capacity	55 Wh (3.6 Ah at 14.8 V (nominal))
Operating temperature:	-20 °C – 60 °C
Storage temperature:	-20 °C – 60 °C
Charging temp.:	0 °C – 40 °C

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