



## Safety notes

Installation and mounting of electrical devices may only be carried out by qualified electricians.

Failure to observe the instructions can result in damage to the device, fire, or other dangers.

Isolate before working on the device or load. Take account of all circuit breakers supplying dangerous voltage to the device or load.

## Function

Uninterruptible power supply for the Gira emergency set (Order No.: 2914 ..). With drop/failure of the mains input voltage, the connected load continues to be supplied via the battery without interruption. When the mains input voltage recovers/is applied, the battery is separated from the load and recharged in normal mains operation.

Operating states can be signalled via the signal contact (M) to a duty room unit (Order No.: 2915 ..) which is connected and switched on.

- "UPS active"  
(if there is no power supply 24 V from the power supply unit of the emergency set)  
1 signal tone which is 1 second long, repeated approx. every 10 seconds.
- "Battery empty or not connected"  
(power supply 24 V from power supply unit of the emergency set is connected)  
2 signal tones, each 1 second long, repeated approx. every 10 seconds.

## Scope of supply

- UPS, Order No.: 2918 ..

## Mounting and start-up

UPS for installation in flush-mounted wall box in accordance with DIN 49073.

**Note**  
**Do not install in patient's rooms!**

The device must be securely installed. Access to the device for skilled electrical personnel must be possible at all times.

**Important!**  
**Observe the start-up sequence!**

Only connect the battery to the UPS PCB after connecting the 24 volt input voltage.

1. Connect input voltage + **24 V In** (see Fig. 1).
2. Connect battery with the UPS PCB (see Fig. 1).
3. Connect system devices to the + **24 V Out** connection terminal (see Fig. 1).
4. If required, wire the signal contact (**M**) (see Fig. 1).

## Device overview

The device features the following connection options:

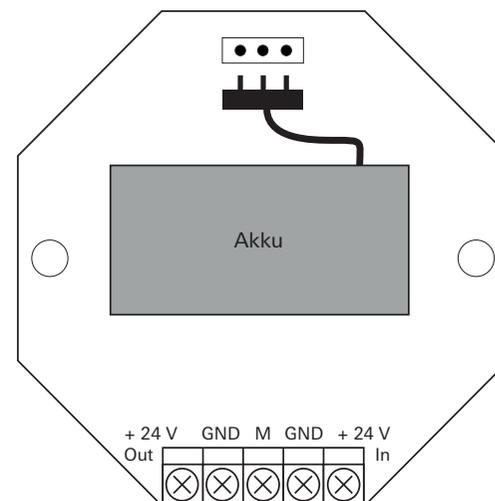


Fig. 1: Connections

## Battery care

**Important!** Avoid battery damage caused by deep discharge!

Deep discharge causes permanent impact on performance.

**Note**  
**Replace the battery regularly**

DIN 0834 specifies replacement of component parts with limited service life once annually.

**Note**  
**Dispose of batteries properly**

Remove empty batteries immediately and dispose of them in an environmentally-friendly way.

Do not dispose of batteries with household waste. Local authorities provide information about environmentally-sound disposal. The end consumer is legally required to return used batteries in accordance with legislative requirements.

## Warranty

The warranty is provided in accordance with statutory requirements via the specialist trade.

Please submit or send faulty devices postage paid together with an error description to your responsible salesperson (specialist trade/installation company/specialist electrical trade). They will forward the devices to the Gira Service Center.

## Technical data

### Input (primary voltage)

Input voltage: 24 V DC +/- 10%

### Output (secondary voltage)

Output voltage  
in battery operation: 22.8 V +/- 10%

Rated load  
in battery operation: 130 mA for 1 hour

Maximum load  
in battery operation: 300 mA for 15 minutes

Maximum load  
in mains operation: 250 mA

Mounting: in DIN 49073 flush-mounted wall box

Gira  
Giersiepen GmbH & Co. KG  
Electrical installation  
systems

P.O. Box 12 20

42461 Radevormwald

Phone+49 (0) 21 95 - 602-0

Fax +49 (0) 21 95 - 602-191

www.gira.de

info@gira.de