



USER MANUAL

LED STRIP LIGHT EMERGENCY POWER SUPPLY

PARTNR: 150500
EAN: 7090049800184

LED Strip Light Emergency Power Supply

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ENG

Product information

LED Strip Light Emergency Power Supply provides emergency lighting for the LED strips M-Flex and SafeLight in the event of a power outage.



These operating instructions must be read before use and must be kept for future reference.

SafeLight

M-Flex



One Compatible System for LED Strips, Floodlights, and
Emergency Lighting

Specifications

Voltage	220-245V, 50/60Hz
Power	50W
IP class	IP65
Max load	1500W / 100m LED strip
Battery	Lithium 18.5V 5200mAh
Battery charge time	<20 hrs
Emergency time	1 + 1 hrs
Input	AC 85-275V
Output	DC 120-260V
Work temperature	-10 to +50°C
Dimensions	298mm x 93mm x 53mm
Weight	2,2 kg
Material	Aluminium
Certificates	CE



Used electrical and electronic products, including all types of batteries, must be delivered for recycling at a separate collection point. (acc. to directive 2012/19/EU and 2006/66/EC).

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Installation

- Connect only to M-Flex or SafeLight LED strip.
- Can be screwed to the substrate.
- Let the module charge for at least 12 hours before use.

Charge

- The battery in the emergency light module is charged when it is connected to power. The LED strip does not need to be connected in order to charge the battery.
- If the module gets hot, stop charging and disconnect the LED strip. Allow the battery to cool down before continuing charging battery.

Storage

- Avoid contact with corrosive substances and do not expose the module to heat or fire.
- The battery should be charged before storage.
- Avoid storing empty battery.
- Recommended storage temperature is 0 to 30°C.

Transport

- Handle with care during loading and unloading as well as during transport.
- Do not transport the emergency lighting modules together with flammable and explosive goods, or sharp metal objects.

Service

- When changing the battery, the voltage must not be connected.
- The battery should be charged within 6 months for maintenance.

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Function / area of use

In the event of a power outage, the emergency light module will switch to battery operation and the LED light will illuminate at 10% of the original brightness. The device is approved for use in both dry and humid environments.

With a fully charged battery, the unit will provide 1 + 1 hour of emergency lighting. After 1 hour, the unit switches off automatically. If a new voltage drop occurs, the unit will be active for another 1 hour. The battery function must be tested regularly.

LED indicator

The emergency light module is equipped with an LED indicator that shows the status of the device.

Red constant light:	The device is charging.
Green constant light:	The device is fully charged.
Flashes green (1Hz):	Power disconnected – Emergency function is in operation.
Green rapid flash (3Hz):	Monthly self-check status.
Green rapid flash (5Hz):	Annual self-check mode.
Red flash:	System error. Service required.

If the emergency function is in operation and the green light stops illuminating, the battery is empty.

Warning

- Do not immerse the device in water.
- Do not store the unit near fire or a heater.
- Do not attempt to modify the device.
- Do not place the unit in a pressure chamber or expose it to microwave rays.
- Do not use the device if it emits a strong odor, generates heat, becomes discolored, deformed or acts abnormally in any way. Disconnect the power supply and the connected LED strip immediately and discontinue use.
- Let the battery fully discharge before sending it for return handling. Do not mix in lead-acid battery recycling, ask your recycling station if you are unsure.
- Keep the battery away from children and pets.