Promitto

USER MANUAL

LED Strip Light Emergency Power Supply

PARTNR: 150500
EAN: 7090049800184

LED Strip Light

Emergency Power Supply

Part nr: 150500 **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.

Promitto CONNECT

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
Watt hours	96,2 Wh
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

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.
- The module replaces the connection cable and must be placed at the start of the line.
- One module supports up to 100 m of LED strip.

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 about 15 % of full 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.