

Profiled



BATTERY BACK-UP

Ref. 039205/039246

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BATTERY BACK-UP



Ref. 039205 (Aluminum)



Ref. 039246 (Plastic)

Description

In the event of a power cut, this battery back-up provides the lighting system with 1+1/2h of extra power. It can be used in dry or damp areas and installed on flammable surfaces. The maximum load that can be connected to this system is 1700w.



SAFETY

To replace the battery, open the cover and disconnect the quick connector from the battery. Always disconnect the power supply before carrying out maintenance on the back-up battery.

Before performing service of the system, disconnect it from the electrical supply. If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

				
• Max load 1700W, Min load 42W.	• installation on wall or mast.	• Warranty 3 years.	• Compact dimensions and low weight.	• Connection options with quick connectors or plug.

TECHNICAL SPECIFICATION

Input Voltage	110-230 V AC ±10% 50/60Hz
IK Grade	IK10
IP Grade	IP65
Working Temperature	-10°C to + 50°C
Material	Aluminium (039205) / Plastic housing (039246)
Dimensions	Aluminium: 280 x 120 x 54 cm, Plastic: 323x123x50mm
Weight	Aluminium: 13 kg, Plastic: 2 kg
Output Voltage	70-250VDC
Battery	21.6 V 5000 mAh lithium battery
Working Mode	1 + 1 hour / 2h continuous
Min. load	42W
Max. load	1700W
Certification	CE, RoHS

BATTERY BACK-UP



INSTALLATION

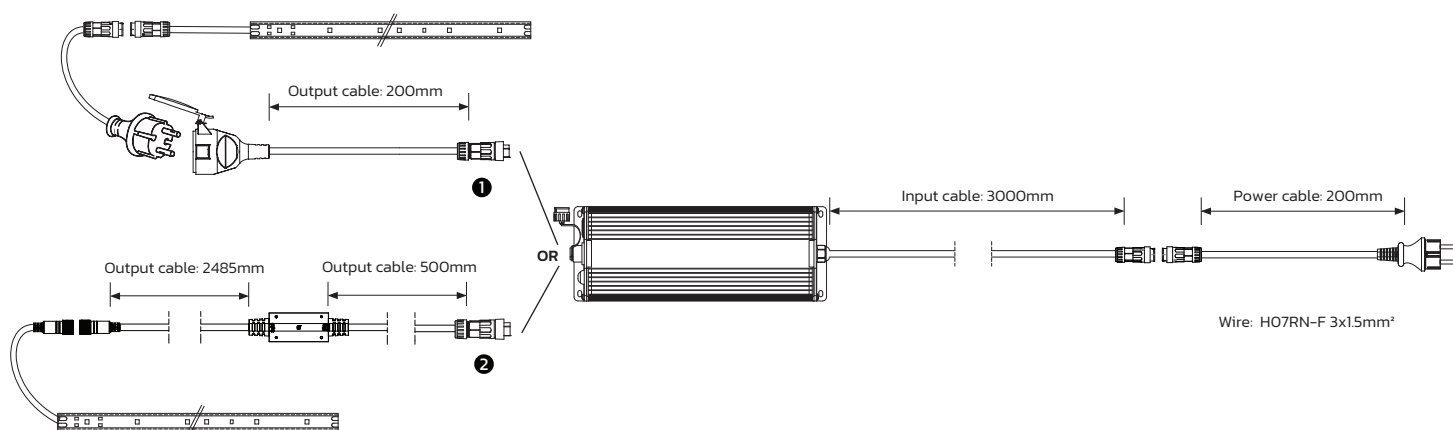
The system is connected to a LED strip using either a plug or quick connector. Any lighting controller must be installed before the system to prevent interference with battery operation. The system should only be connected to LED strips loads greater 42W. This battery back-up system is designed for Profiled LED strips exclusively.

INSTALLATION METHOD

 Screw



WIRING GUIDE



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MANUAL OF BATTERY BACK-UP

BATTERY MODE

A fully charged battery will provide lighting for the flex LED strip for 2 hours. It has two working modes. Changing the mode will provide either 1+1H or 2H continuous light. In 1+1H mode, the battery will switch off automatically after 1 hour but has a reserve capacity of 1 hour. In 2H mode, the battery will work for 2 hours continuously without an extra hour of reserve. Check the operation of the battery regularly.

LED INDICATOR

Flashing green light: Emergency back-up in operation.
Steady green light: System is fully charged.
Flashing red light: System fault. Service is required.
Steady red light: Battery is charging.

CAPACITY CHECK

Press the button briefly. The indicator will flash to show the battery capacity.

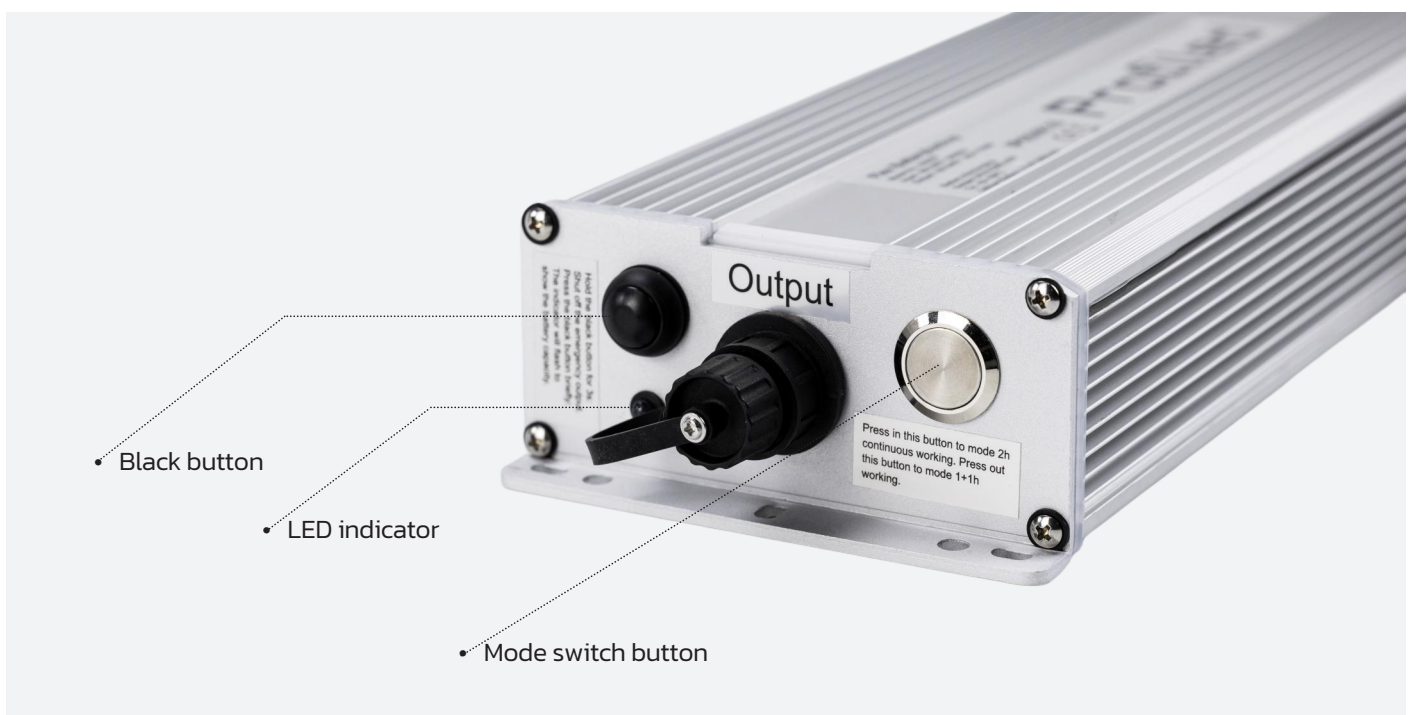
- 5 flashes = 80-100%
- 4 flashes = 60-80%
- 3 flashes = 40-60%
- 2 flashes = 20-40%
- 1 flash = 10-20%

TURN OFF LIGHTS

Hold down the black button for 3 seconds to disable backup operation. When the unit is turned on again, it will automatically revert to normal mode.

STORAGE

Recommended storage temperature
-10° to +30°C. The system should be
be recharged before long-term storage.
It can be stored safely for minimum 6 months.



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