USER GUIDE
KITEMLED6024

EMERGENCY KIT FOR STRIP LED 24Vdc

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General Characteristics

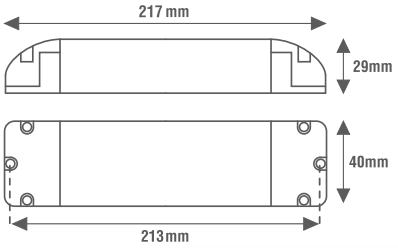
Plastic case
Electric class protection **II**
Protection degree **IP20**
Multi-function LED charging indicator
Test push-button

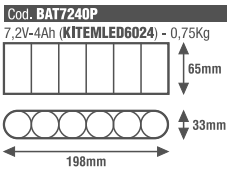
Reference Standards

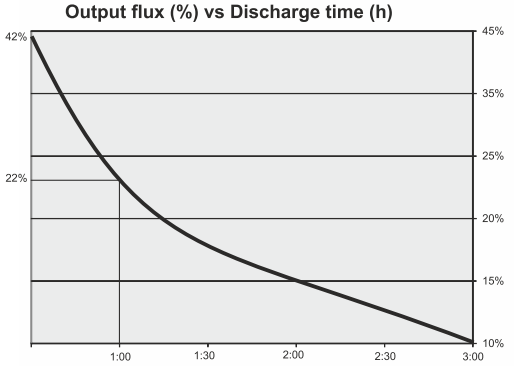
EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-7
EN 61547

Technical Features

Input voltage range 220-240Vac
Input frequency 50÷60Hz
Maintened or non maintened operation
Constant voltage output 24÷24Vdc
Compatible with strip LED (max 60W)
Compatible with LED module (max 60W)
Automatic operation
Input for remote inhibition
«High temperature» Nichel-Cadmium (NiCd) battery
7,2V-4Ah battery (included in the kit)
Battery charging current: 200mA
Autonomy: 3h
Protection device against extensive discharge
Recharging time 24h
Operating ambient temperature Ta -10°C ÷ +50°C
Maximum temperature at the Tc point 70°C



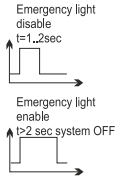


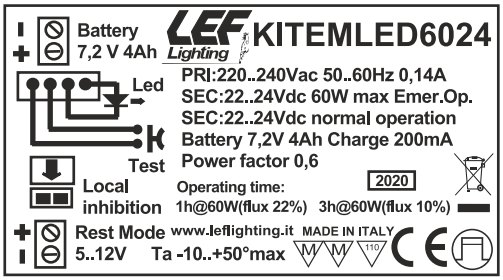


CODICE CODE	Tensione di ingresso Input voltage (Vac)	Frequenza di rete Input frequency (Hz)	Strip LED 24Vdc Strip (W)	Moduli LED 24Vdc Modules (W)	Tensione di uscita in emergenza Voltage output in Emergency (Vdc)	Batteria Battery	Autonomia Autonomy (h) @60W flux22%	Autonomia Autonomy (h) @60W flux10%	Corrente Batteria Battery current (A)	EBLF (%)	Peso Weight (g)
KITEMLED6024	220-240	50÷60	**60**	**60**	**22÷24**	Cod. **BAT7240P** 7,2V-4Ah	1	3	2,5	100	950

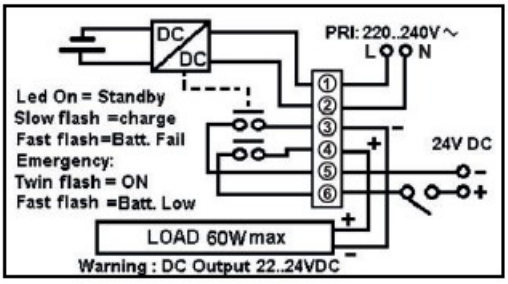
WARNINGS - Installation Guide
Make the system connections and ensure that the "local inhibition" jumper J1 is engaged before connecting the battery to the power supply.
Connect the battery to the power supply respecting the polarity.
Place the battery away from heat sources and the power supply. The battery is operational after 30 hours of charging, after 4 years or 500 cycles of life replace and dispose of in the appropriate containers.
Supply power to the system and remove "local inhibition" jumper J1 to activate the unit. Periodically (every three months) perform a battery discharge and recharge cycle for maximum system efficiency and life. Test the system using the test button. Before any maintenance operation, insert the "local inhibition" jumper and disconnect all power supplies, including the battery.

LED STATUS	
ON Ready OK	Fast Low battery/ Fault
Slow Charge	2X Emergency status





CONNECTIONS
1-2 main input for battery charger. Activation theshold according to standard EN60598-2-22. Tension always on.
3- 4 Led load: max 60W. In emergency mode consider 42% of the nominal power down to 10% after 3 hours operation, no matter the load connected.
5 -6 In standard operation load is powered by 24V driver.



Rest Mode: Allows both the switching on and off of lamps during emergency operation. When mains power returns, the system will prepare for emergency operation.

PRODUCT TO BE DISPOSED DIFFERENTLY FROM URBAN WASTE
AEE identification nr.18040000010321

22 PAP

SELV IP20 ta MAX 50°C BATT NiCd LED CV

MADE IN ITALY

LEF LIGHTING S.R.L. | www.leflighting.it
Viale L.Ariosto 478/480 - 50019 Sesto Fiorentino (FI) - ITALY | Tel +39 055 421 77 27 - Fax +39 055 425 44 92

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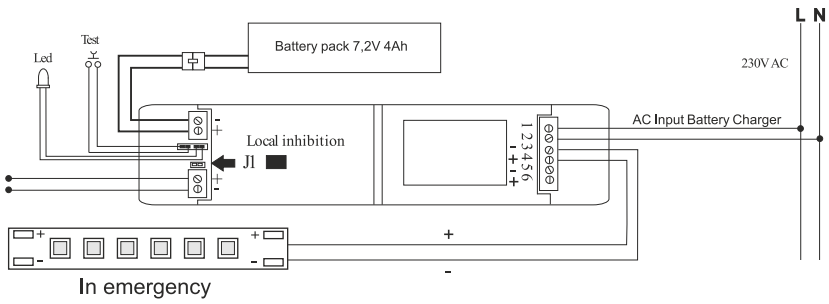
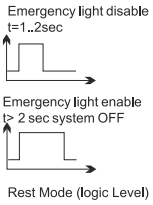
WIRING DIAGRAMS

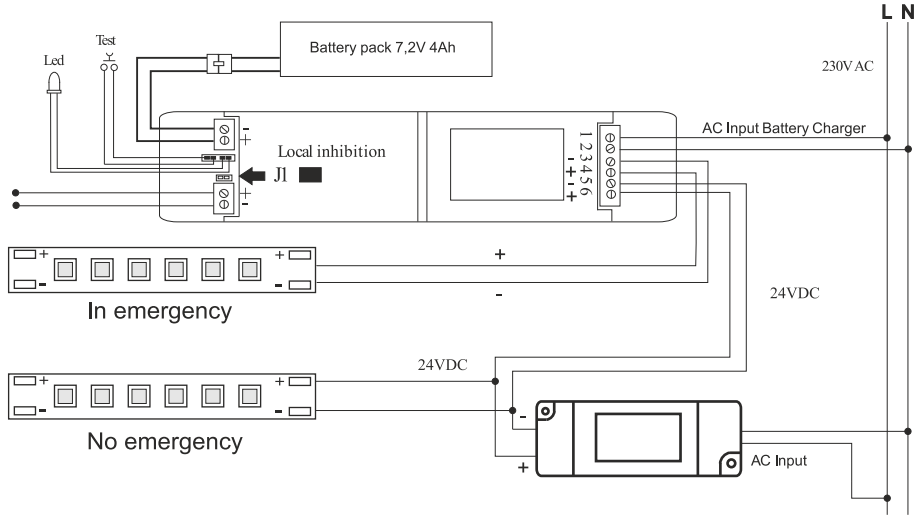
NOT PERMANENT (EMERGENCY ONLY)
Turns on in emergencies only.

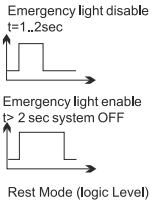




ATTENTION: CONNECT THE BATTERY WITH SYSTEM OFF AND JUMPER J1 INSERTED. REMOVE THE JUMPER FOR COMMISSIONING WHEN THE SYSTEM IS COMPLETED.

PERMANENT (ORDINARY LIGHTING)
Always ON.





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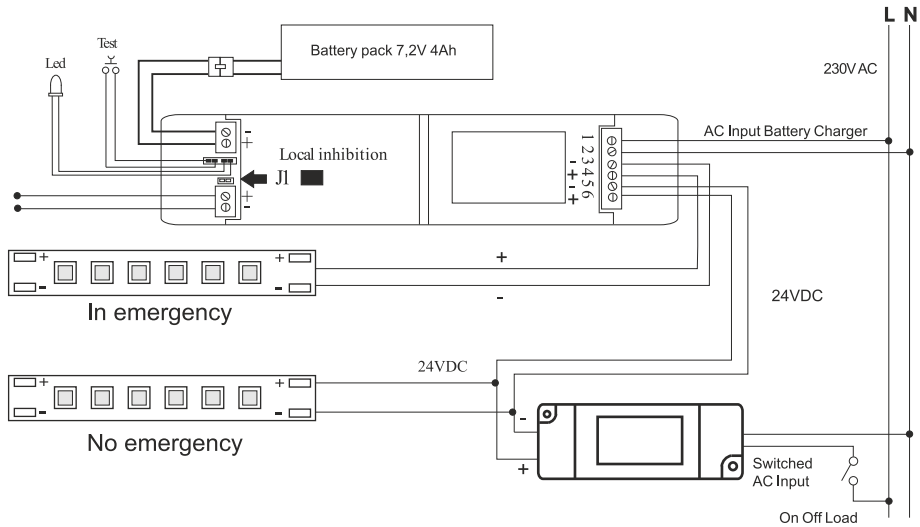
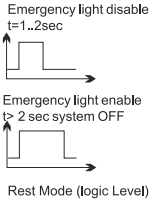
WITH SWITCH (ORDINARY LIGHTING)
The load is controlled by a switch on the driver input. Always it turn ON in emergency





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