HARMONY
Energy Lighting Solutions

EMERGENCY LIGHTING KIT

YFB-200

Product code: 20 01 AC KT 004



Professional emergency lighting solution for 3–200 V DC constant current LED luminaires

YFB-200 is an emergency conversion kit for 3–200 V DC constant-current LED luminaires, supporting LED loads up to 200 W. During a power failure it switches the luminaire to emergency mode for up to 3 hours on a 3.6–4.8 V Ni-Cd/Ni-MH battery. It is used in high-power linear and industrial luminaires.

MAX. POWER	EMERGENCY DURATION	BATTERY
200 W	**1–3 hours**	**3,6–4,8 V Ni-Cd / Ni-MH**

IP 20

KEY FEATURES

- For 3–200 V DC LED luminaires
- Maximum 200 W LED load support
- Provides uninterrupted illumination for 1 to 3 hours during power outages
- Constant output at full brightness for the first 90 minutes
- Over-discharge & reverse polarity protection
- Optional test button with green LED charge indicator
- Tolerance to operating temperatures between –10 °C and +50 °C

APPLICATION AREAS

Office · Hotel · Hospital · Industrial

Ideal for LED lighting systems in offices, hotels, hospitals and industrial facilities, ensuring safe evacuation during power outages.

TECHNICAL DATA

Model	YFB-200
Brand	Albex
Input voltage	220–240 V AC
Output voltage	3–200 V DC
Maximum power	200 W
Battery	3,6–4,8 V Ni-Cd / Ni-MH
Emergency duration	1–3 hours
Operating frequency	50–60 Hz
Operating temperature	–10 °C … +50 °C
Lamp type	LED
Standards	EN 61347-1, EN 61347-2-13, EN 55015, EN 61547

Technical values are subject to a ±10% tolerance. Efficacy is calculated by dividing luminous flux by nominal power. Harmony ELS reserves the right to make changes to products without prior notice.

Harmony ELS Energy Lighting Solutions
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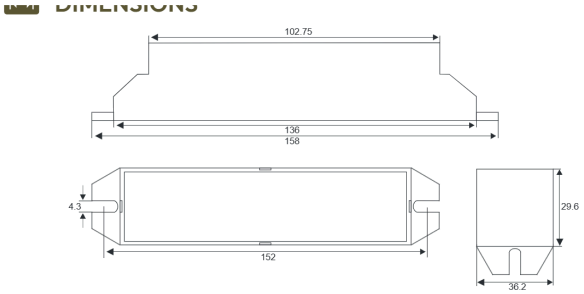
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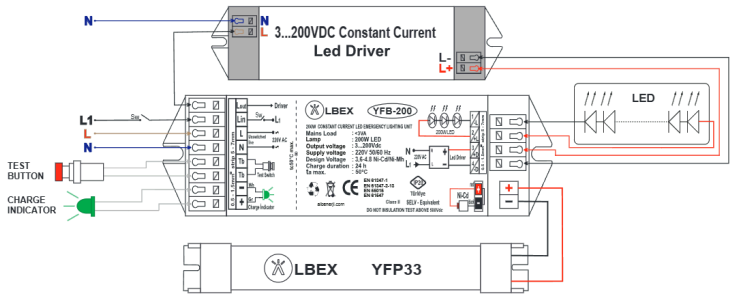
BATTERY OPTIONS

Product code	Duration	Battery	Battery code
YFB-200 01 1H	1 h	3.6 V / 1000 mAh	YFP01
YFB-200 23 2H	2 h	3.6 V / 2200 mAh	YFP23
YFB-200 33 3H	3 h	3.6 V / 4000 mAh	YFP33
YFB-200 14 1H	1 h	4.8 V / 1500 mAh	YFP14
YFB-200 24 2H	2 h	4.8 V / 2200 mAh	YFP24
YFB-200 34 3H	3 h	4.8 V / 4000 mAh	YFP34

DIMENSIONS (MM)



WIRING DIAGRAM



Up-to-date information and all options
https://harmonyels.com/en/product/yfb-200

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