HARMONY
Energy Lighting Solutions

EMERGENCY LIGHTING KIT

YFB-220 AC

Product code: 20 01 AC KT 005



Professional emergency lighting solution for 220 V AC LED luminaires

YFB-220 AC is an emergency conversion kit for 220 V AC LED luminaires, supporting luminaires 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 converts AC LED luminaires whose driver cannot be replaced.

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

IP
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KEY FEATURES

- For 220 V AC 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-220
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	220 V AC 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
Adnan Kahveci Mahallesi Kuştepe Caddesi Onurkent Sitesi A4 Blok No:29/D 34528 Beylikdüzü / İstanbul
+90 538 428 9559 · info@harmonyels.com · harmonyels.com

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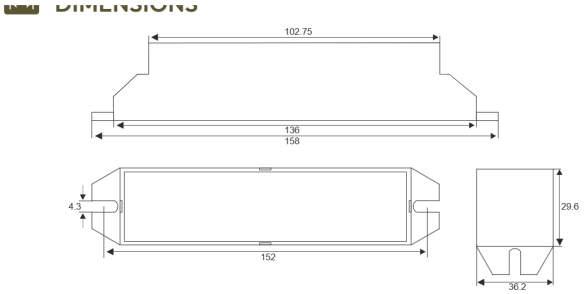
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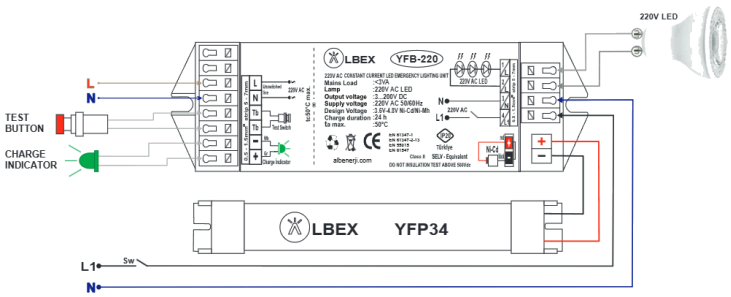
BATTERY OPTIONS

Product code	Duration	Battery	Battery code
YFB-220 01 1H	1 h	3.6 V / 1000 mAh	YFP01
YFB-220 23 2H	2 h	3.6 V / 2200 mAh	YFP23
YFB-220 33 3H	3 h	3.6 V / 4000 mAh	YFP33
YFB-220 14 1H	1 h	4.8 V / 1500 mAh	YFP14
YFB-220 24 2H	2 h	4.8 V / 2200 mAh	YFP24
YFB-220 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-220-ac

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