

## Technical characteristics

- ▶ Can cooperate with all common light fixtures
- ▶ Easy mounting and installation
- ▶ Cooperates with conventional and electronic ballasts
- ▶ Suitable for 18W to 58W lamps
- ▶ Operation voltage 220 - 240V AC / 50-60Hz
- ▶ Charge LED and TEST button inputs
- ▶ Operation frequency 30 - 40KHz
- ▶ 10-15% nominal lamp flux efficiency
- ▶ Produced in accordance with European norms EN 60598-1, EN 60598-2-22

The **CONVERTER** is a mechanism that gives us the capability of converting a common luminaire with an 18W to 58W fluorescent tube, to an emergency luminaire. It can cooperate with electronic or conventional ballasts.

It has an incorporated battery charger and a change over relay, that automatically lights the lamp in emergency mode, when there is a power failure. Its autonomous duration depends on the battery type and the lamp used.



60 minutes to 4 hours

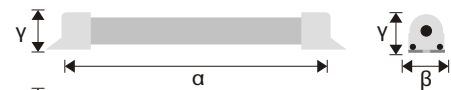
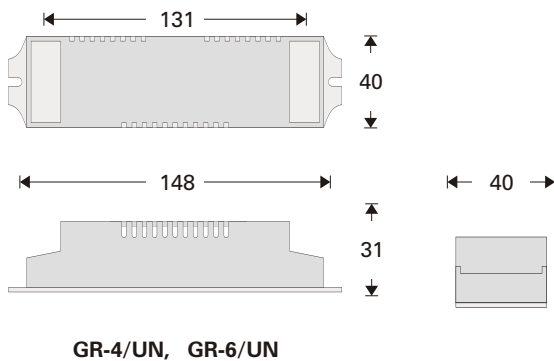


Fluorescent 18W to 58W

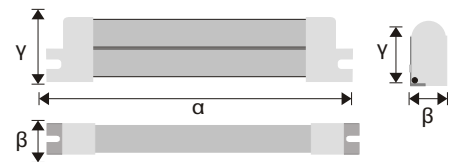


Ni-Cd  
3.6V/1.5Ah  
3.6V/3Ah  
3.6V/4Ah  
4.8V/1.5Ah  
4.8V/3Ah  
4.8V/4Ah

## Dimensions (in mm)

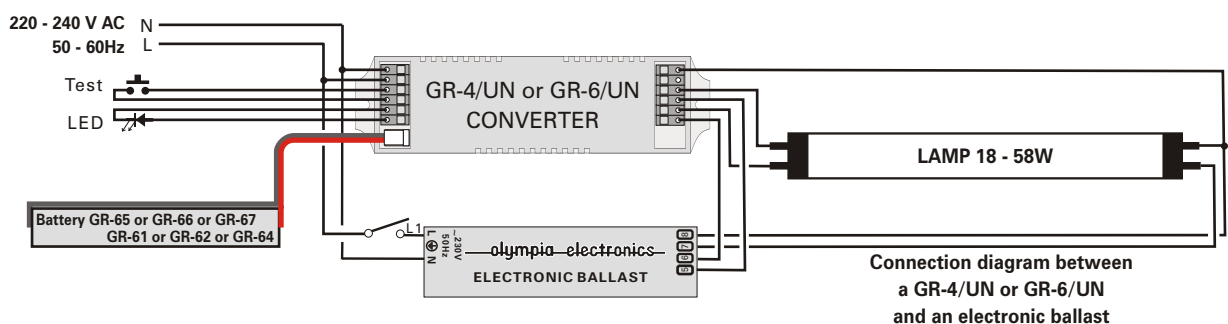
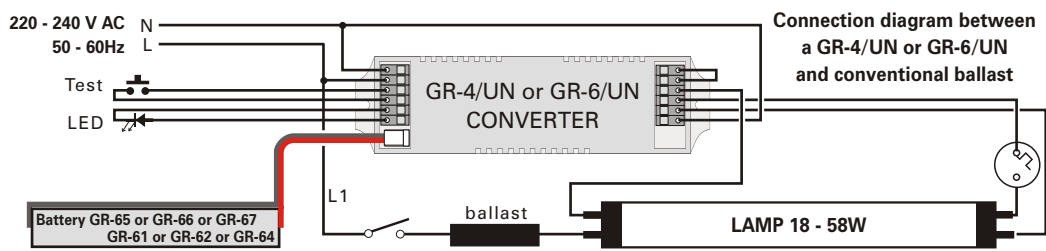


GR-61 :  $\alpha * \beta * \gamma$  : 200 x 27 x 26  
GR-64 :  $\alpha * \beta * \gamma$  : 275 x 37 x 36  
GR-65 :  $\alpha * \beta * \gamma$  : 163 x 27 x 26  
GR-67 :  $\alpha * \beta * \gamma$  : 215 x 37 x 36



GR-62 :  $\alpha * \beta * \gamma$  : 205 x 27 x 49  
GR-66 :  $\alpha * \beta * \gamma$  : 160 x 27 x 49

## Connections for "Converter"





# converter

EMERGENCY ILLUMINATION



2 year guarantee



IP 20

COMMON TO EMERGENCY LUMINAIRE CONVERTER

TYPE	OPERATION VOLTAGE	CONSUMPTION	BATTERY Ni - Cd	LAMP	WEIGHT	CODE	PRICE
GR-4/UN	220-240VAC / 50-60Hz	4 VA	Battery set GR-65,GR-66,GR-67	Fluorescent 18W to 58W	370 gr.		
GR-6/UN	220-240VAC / 50-60Hz	4 VA	Battery set GR-61,GR-62,GR-64	Fluorescent 18W to 58W	370 gr.		

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GR-4/UN AUTONOMOUS DURATION ACCORDING TO BATTERY AND LAMP TYPE

TYPE	BATTERY PACK Ni - Cd	LAMP 18W (T8) FLUORESCENT	LAMP 36W (T8) FLUORESCENT	LAMP 58W (T8) FLUORESCENT	LAMP 14W (T5) FLUORESCENT	LAMP 35W (T5) FLUORESCENT	LAMP 18W COMPACT	38W (2D/4PIN) 36W (COMPACT)	PRICE
GR-65	Ni-Cd3,6V/1,5Ah	90 minutes	70 minutes	60 minutes	75 minutes	60 minutes	90 minutes	70 minutes	
GR-66	Ni-Cd 3,6V/3Ah	180 minutes	140 minutes	120 minutes	150 minutes	120 minutes	180 minutes	140 minutes	
GR-67	Ni-Cd 3,6V/4Ah	240 minutes	180 minutes	160 minutes	200 minutes	150 minutes	240 minutes	180 minutes	

GR-6/UN AUTONOMOUS DURATION ACCORDING TO BATTERY AND LAMP TYPE

TYPE	BATTERY PACK Ni - Cd	LAMP 18W (T8) FLUORESCENT	LAMP 36W (T8) FLUORESCENT	LAMP 58W (T8) FLUORESCENT	LAMP 14W (T5) FLUORESCENT	LAMP 35W (T5) FLUORESCENT	LAMP 18W COMPACT	38W (2D/4PIN) 36W COMPACT	PRICE
GR-61	Ni-Cd4,8V/1,5Ah	90 minutes	60 minutes	50 minutes	75 minutes	40 minutes	80 minutes	60 minutes	
GR-62	Ni-Cd 4,8V/3Ah	160 minutes	120 minutes	100 minutes	150 minutes	90 minutes	160 minutes	130 minutes	
GR-64	Ni-Cd 4,8V/4Ah	220 minutes	160 minutes	140 minutes	200 minutes	110 minutes	220 minutes	170 minutes	

Packing

Packing dimensions (LxWxH) :

GR-4/UN: L=22,5cm,W=22,5cm,H=26,5cm  
 GR-6/UN: L=22,5cm,W=22,5cm,H=26,5cm  
 The package contains : 50 pieces

GR-61: L=44cm,W=23cm,H=11cm  
 The package contains : 50 pieces  
 GR-62: L=44cm,W=23cm,H=11cm  
 The package contains : 30 pieces

GR-64: L=31,5cm,W=7,5cm,H=10,5cm  
 The package contains : 4 pieces