

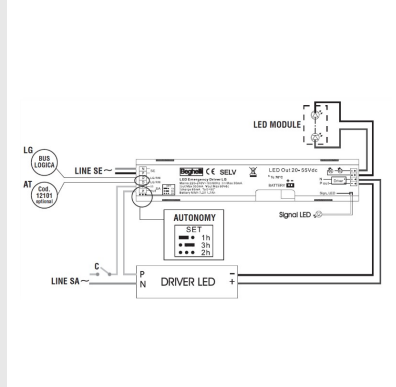
# INVERTER LED



Inverter LED



Inverter LED



Inverter LED Driver

**Inverter LED** - Electronic control gear for emergency lighting to light the LED modules. Autonomy independent of the lamp and selectable, 1, 2 and 3 hours. The control of the output current with PWM modulation at a constant peak current allows the best control of the LED module, avoiding effects of distortion of the light flux and of the LED colour temperature. Maximum versatility for a LED conversion kit. Self-adapting output voltage with automatic load recognition and output power independent of the connected LED module. The disconnection by relay of the power supply arriving from the driver and of the LED circuit make the Beghelli LED conversion kit a universal product, compatible with all drivers. If not reached by the communication BUS, the LG version automatically performs self-diagnosis (AutoTest).

**Inverter LED Extreme** - Electronic control gear for emergency lighting to light LED modules. The emergency duration does not depend on the load and is selectable in 1h, 2h, 3h or 8h. The control of the output current with PWM modulation at a constant peak current allows the best control of the LED module, avoiding effects of distortion of the light flux and of the LED colour temperature. Maximum versatility for a LED conversion kit. Self-adapting output voltage with automatic load recognition and output power independent of the connected LED Module. Thanks to the new Autoripara Battery, the safety and power are doubled. The LED conversion kit is able to recognize the presence of the second battery (sold separately) and to double the power output from 6W to 12W. The recharging system guarantees 1hr of autonomy after 12hr of recharging in the 2hr and 3hr configurations. The disconnection by relay of the power supply arriving from the driver and of the LED circuit make the Beghelli LED conversion kit a universal product, compatible with all drivers. If not reached by the communication BUS, the LG version automatically performs self-diagnosis (AutoTest).

Available in two different versions:

LTO batteries (suggested for environments where temperatures reach a range of -20++50°C, with a 10 year warranty)

LiFe batteries (suggested for environments where temperatures reach a range of -10++60°C, with a 5 year warranty)

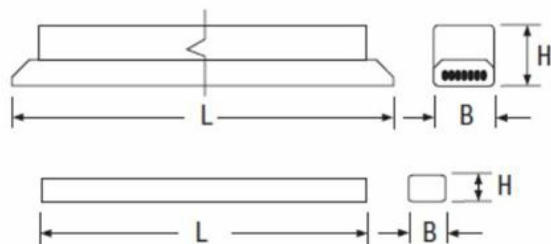
An additional battery can be supplied when there is a need to double the autonomy at a certain load.

Product category: Conversion Kits

## FEATURES

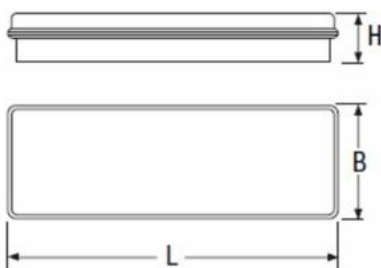
<b>Application</b>	Offices, Public Areas, Shops, Emergency Lighting
<b>IP Rating</b>	IP20, IP65
<b>Material</b>	Polycarbonate
<b>Norms</b>	2006/95/CE, 2004/108/CE, CEI EN 62034*, EN 61347-2-7, EN 61347-2-13, EN 61347-1, EN 62034**
<b>Output Voltage (v)</b>	6v - 55v*, 3v - 55v**
<b>Voltage (v)</b>	230v
<b>Working Temperature</b>	0 ÷ +50°C (Battery), -20 ÷ +70°C (Inverter)*, -20 ÷ +50°C (LTO Battery), -10 ÷ +60°C (LiFe Battery), -20 ÷ +70 °C (Inverter)**

\*Inverter LED \*\*Inverter LED Extreme



Pout (W)	Dimensions Inverter (mm)			Battery dimensions (mm)			Weight max kg
	L	B	H	L	B	H	
6	232	30	26	132	17,5	35	0.3
8	232	30	26	154	52	26	0.4

### Accessory IP65 Housing



IP	Dimensions (mm)			Weight max kg
	L	B	H	
65	232	30	26	0.3

Inverter LED

## TO BE ORDERED SEPARATELY

Order Code	Description
19375	LGFM Module
19376	IP65 Cover
415439001	Supplementary Battery LT0 14,4V 1,2Ah**
415440001	Supplementary Battery LiFe 12,8V 1,5Ah**

\*\*Inverter LED Extreme

## CONTROL SYSTEM ORDER CODES


## AUTO-TEST

Part No.	Description	Emergency Operation Mode	Duration	Battery	Power Consumption	Luminous Flux in NM	AR Luminous Flux in NM	Luminous Flux in M	Ambient Temp	Protection Class	Net Weight
19355	Inverter LED AT/LG 6W	M	1-3h	NiMh 7.2V 1.7Ah	2W	-	-	-	0°C ÷ +50°C (Battery), -20°C ÷ +70°C (Inverter)	-	0.3kg
19372	Inverter LED AT/LG 8W	M	1-3h	NiMh 7.2V 1.7Ah	2W	-	-	-	0°C ÷ +50°C (Battery), -20°C ÷ +70°C (Inverter)	-	0.3kg
19390	Inverter Ext AT/LG 15W LTO	M	0.75-8h	LTO 14,4V 1,2Ah	2W	-	-	-	-20°C ÷ +50°C (LTO Battery), -20°C ÷ +70°C, (Inverter)	-	0.3kg
19391	Inverter Ext AT/LG 15W LIFE	M	0.75-8h	LiFe 12,8V 1,5Ah	2W	-	-	-	-10°C ÷ +60°C (LiFe Battery), -20°C ÷ +70°C (Inverter)	-	0.3kg

## LOGICA SELF CONTAINED WIRED CENTRAL TESTING & MONITORING SYSTEM


Part No.	Description	Emergency Operation Mode	Duration	Battery	Power Consumption	Luminous Flux in NM	AR Luminous Flux in NM	Luminous Flux in M	Ambient Temp	Protection Class	Net Weight
19355	Inverter LED AT/LG 6W	M	1-3h	NiMh 7.2V 1.7Ah	2W	-	-	-	0°C ÷ +50°C (Battery), -20°C ÷ +70°C (Inverter)	-	0.3kg
19372	Inverter LED AT/LG 8W	M	1-3h	NiMh 7.2V 1.7Ah	2W	-	-	-	0°C ÷ +50°C (Battery), -20°C ÷ +70°C (Inverter)	-	0.3kg
19390	Inverter Ext AT/LG 15W LTO	M	0.75-8h	LTO 14,4V 1,2Ah	2W	-	-	-	-20°C ÷ +50°C (LTO Battery), -20°C ÷ +70°C, (Inverter)	-	0.3kg
19391	Inverter Ext AT/LG 15W LiFe	M	0.75-8h	LiFe 12,8V 1,5Ah	2W	-	-	-	-10°C ÷ +60°C (LiFe Battery), -20°C ÷ +70°C (Inverter)	-	0.3kg





Battery Dimensions Inverter (mm)			Dimensions Inverter (mm)			Weight (kg)
L	B	H	L	B	H	
170	33	25	158	37	19	1.3
170	33	25	158	37	19	0.5

Accessories (PES)



IP	Dimensions Inverter (mm)			Weight (kg)
	L	B	H	
65	301	139	55	0.5

**Inverter LED Extreme**