

## EMERGENCY LIGHTING UNITS - LED EMLUS-12V/24V

### BATTERY AND MAINS DATA

Compatible with 12 V and 24 V LED Strip  
Compatible with all dimmable and non-dimmable, constant current LED control gears  
Non-maintained operation  
Emergency lighting function by interruption of the unswitched phase  
1 h duration  
Constant voltage output  
Sustained constant 100% lighting  
Operation range of 3 ... 150 VDC, optional 200 VDC  
Short-circuit, open-circuit and overload protection  
High-temperature Ni-Cd battery cells  
Overcharge and deep discharge protection  
Polarity reversal protection for battery  
Charge status display with green LED  
Polycarbonate case  
Simple connectable terminal block  
Optional - 110 VAC compatibility



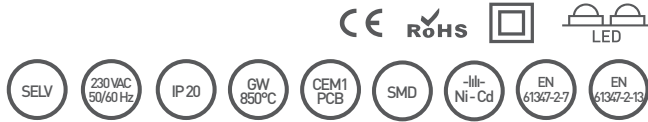
PRODUCT CODE	BATTERY CAPACITY	RATED POWER (W)*	MAINS CURRENT (A)*	POWER FACTOR (PF)*	DIMENSIONS (mm)	WEIGHT (kg)	QTY in CARTON BOX
EMLUS-12V-008W	12 V / 900 mAh (1 h)	3,55	0,022	0,68	43 x 185 x 34	0,200	30
EMLUS-12V-015W	12 V / 1600 mAh (1 h)	4,30	0,024	0,76	43 x 185 x 34	0,200	30
EMLUS-12V-030W	12 V / 4000 mAh (1 h)	5,45	0,028	0,83	43 x 185 x 34	0,200	30
EMLUS-12V-050W	12 V / 5000 mAh (1 h)	6,25	0,031	0,86	43 x 185 x 34	0,200	30
EMLUS-24V-015W	24 V / 900 mAh (1 h)	7,10	0,035	0,89	43 x 185 x 34	0,200	30
EMLUS-24V-030W	24 V / 1600 mAh (1 h)	8,75	0,042	0,91	43 x 185 x 34	0,200	30
EMLUS-24V-060W	24 V / 4000 mAh (1 h)	8,75	0,042	0,91	43 x 185 x 34	0,200	30
EMLUS-24V-100W	24 V / 5000 mAh (1 h)	8,75	0,042	0,91	43 x 185 x 34	0,200	30

\* Measured under 230 V mains.

### BATTERY DATA

VOLTAGE	CAPACITY	CELL TYPE	CELL SIZE (mm)	QTY OF CELLS	DIMENSIONS (mm)	WEIGHT (kg)
12 V / 900 mAh	900mAh	AA	15	10	30 x 255±3 x 15	0,285
12 V / 1600 mAh	1600mAh	SC	23	10	46 x 215±3 x 23	0,500
12 V / 4000 mAh	4000mAh	D	33	10	66 x 300±3 x 33	1,250
12 V / 5000 mAh	2500mAh	C	26	20	52 x 250±3 x 52	1,600
24 V / 900 mAh	900mAh	AA	15	20	30 x 255±3 x 15	0,570
24 V / 1600 mAh	1600mAh	SC	23	20	46 x 215±3 x 23	1,000
24 V / 4000 mAh	4000mAh	D	33	20	66 x 300±3 x 33	2,500
24 V / 5000 mAh	2500mAh	C	26	40	52 x 250±3 x 52	3,200

Please refer to "Battery Details Table" in "Emergency Lighting Solutions Overview" section of the catalogue for further battery information.

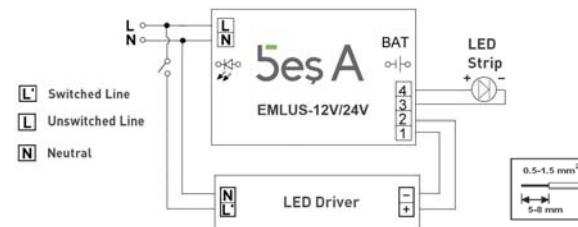


In accordance with EN 61347-1, EN 61347-2-7 and EN 61347-2-13 standards.

### TECHNICAL DATA

SUPPLY VOLTAGE :	230 VAC 50/60 Hz	MAX. OUTPUT POWER :	12 V - 50 W / 24 V - 100 W
AMBIENT TEMPERATURE (ta) :	-10 °C ... +50 °C	OUTPUT VOLTAGE :	10 ... 14 VDC / 20 ... 28 VDC
MAX. CASING TEMPERATURE (tc) :	70 °C	OPEN CIRCUIT VOLTAGE :	10 ... 14 VDC / 20 ... 28 VDC
RATED DURATION :	1 h	PROTECTION CLASS :	IP 20
BATTERY CHARGING TIME :	24 / 72 h	INSULATION CLASS :	II
EMERGENCY LUMEN FACTOR (BLF) :	%100		

### WIRING DIAGRAM



### TECHNICAL DRAWING

