

**EM converterLED ONC 50V 1h Kit**

Ausführung BASIC



**Product description**

- \_ Kit with emergency lighting LED driver, battery for 1 h duration
- \_ Self contained emergency lighting LED driver for manual testing
- \_ For LED modules with a forward voltage of 10 – 54 V
- \_ SELV for output voltage < 60 V DC
- \_ Low profile casing (21 x 30 mm cross-section)
- \_ For luminaire installation
- \_ EM = Emergency
- \_ Nominal lifetime up to 50,000 h
- \_ 4 years guarantee (conditions at <https://www.tridonic.com/en/int/services/manufacturer-guarantee-conditions>)

**Properties**

- \_ Non maintained operation
- \_ 1 h rated duration
- \_ 3-pole technology: 2-pole LED module changeover and delayed power switching for the LED driver
- \_ Automatic shutdown of output if LED load is out of range
- \_ Constant power output
- \_ Maximum light output for all LED modules
- \_ Electronic charge system
- \_ Deep discharge protection
- \_ Short-circuit-proof battery connection
- \_ Polarity reversal protection for battery provided by 3-pole connector

**Batteries**

- \_ High-temperature cells
- \_ LiFePO4 batteries
- \_ 18650 cells
- \_ 4 – 8 years design life for LiFePO4 batteries
- \_ 4 years guarantee for LiFePO4 batteries

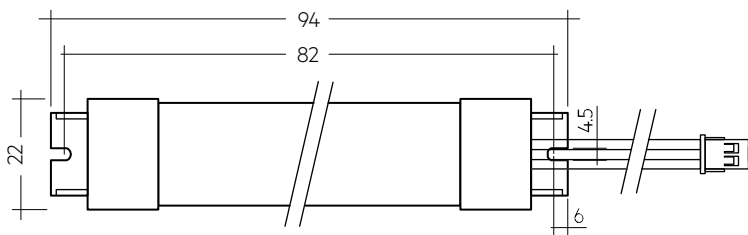
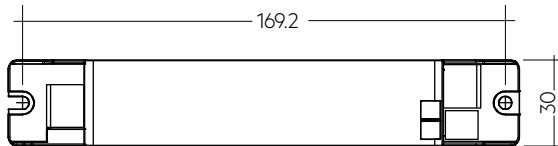
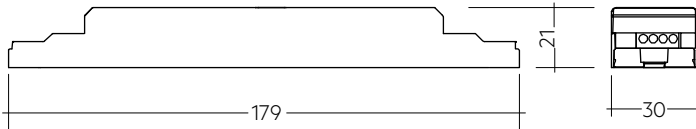
**Website**

<http://www.tridonic.com/89801164>



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**Ordering data**

Type	Article number	Rated duration	Packaging, carton	Packaging, pallet	Weight per pc.	Dimensions L x W x H
EMcLED ONC 212 LiFePO4 50V KIT	89801164	1 h	5 pc(s).	800 pc(s).	0.125 kg	179 x 30 x 21 mm

**Technical data**

Rated supply voltage	220 – 240 V
AC voltage range	198 – 264 V
Mains frequency	50 / 60 Hz
Typ. $\lambda$ (at 230 V, 50 Hz)	0.6C
Forward voltage range LED module	10 – 54 V
Output current	Refer to data sheet
Starting time	< 0.5 s from detection of emergency event
Overvoltage protection	320 V (for 48 h)
U-OUT (including open- / short-circuit and double load)	60 V
Max. open circuit voltage	60 V
Battery charging time	24 h
Ambient temperature $t_a$	-5 ... +55 °C
Max. casing temperature $t_c$	75 °C
Mains voltage changeover threshold	According to EN 60598-2-22
Mains surge capability (between L - N)	1 kV
Mains surge capability (between L/N - PE)	2 kV
Type of protection	IP20
Lifetime	up to 50,000 h
Guarantee (conditions at <a href="http://www.tridonic.com">www.tridonic.com</a> )	4 Year(s)
Dimensions L x W x H	179 x 30 x 21 mm