

EMcLED ONC 250V 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 50 – 250 V
- _ 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
- _ 26650 cells
- _ 4 – 8 years design life for LiFePO4 batteries
- _ 4 years guarantee for LiFePO4 batteries

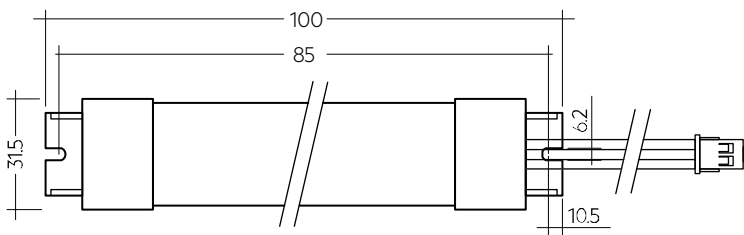
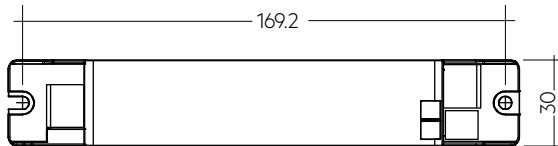
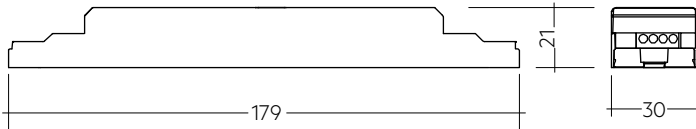
Website

<http://www.tridonic.com/89801254>



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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 214 LiFePO4 250V KIT | 89801254 | 1 h | 5 pc(s). | 800 pc(s). | 0.17 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. λ (at 230 V, 50 Hz) | 0.65C |
| Forward voltage range LED module | 50 – 250 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) | 280 V |
| Max. open circuit voltage | 280 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 www.tridonic.com) | 4 Year(s) |
| Dimensions L x W x H | 179 x 30 x 21 mm |