

SELF-CONTAINED EMERGENCY LIGHTING MODULE



.... Is specially designed to be very compact and small in size. With this small size advantage, it can be easily installed into various types of LED luminaries fittings. It is equipped with a Hi-temperature Nickel Cadmium battery pack and a super bright LED charge indicator. The built-in customised proprietary Hybrid IC circuitry enhances reliability and efficiency in operation.



TECHNICAL CHARACTERISTICS

INPUT VOLTAGE	: 230Vac 50/60Hz $\pm 10\%$ or 115Vac 50/60Hz $\pm 10\%$ or others
BATTERY	: 6V 2.5AH/4.5AH High temp rated Nickel Cadmium cells or others
LAMP USED	: 8W~22W T8 LED Tube (110V ~ 230V)
RATED PERIOD	: > 1 hr, 2 hrs, 3 hrs or others
MODE	: Maintained/Non-maintained
OPERATION TEMPERATURE:	ta 40 °C
POWER CONSUMPTION	: 3.6W / 20.5W (2 Tubes) / 41W (4 Tubes)
CHARGE MONITOR	: Super bright red LED 5mm \varnothing
RECHARGE PERIOD	: 16 ~ 24 hrs
EMERGENCY LUMINANCE:	Design range from 20~50%
CHARGER	: Hybrid controlled charger
PROTECTION	: Low volt cut-off to prevent battery over discharge Incoming AC fuse and Battery DC fuse Tropical climate protection coating on hybrid control circuit
CONSTRUCTION	: Aluminium case / EG steel with polyster coated case
TESTING FACILITY	: Push Button
PACKING	: One unit per carton
CARTON / DIMENSION	: Double wall corrugated / 330mm(L) x 90mm(W) x 50mm(H)
COMPLIANCE	: CP 19, SS263 : Part 2, IEC 598-2-22, AS 2293
WARRANTY	: 1 Year

EMK 140-LED

HYBRID
www.samcom.com

Hybrid Charge



**HYBRID IC CONTROLLED SELF-CONTAINED
EMERGENCY LIGHTING MODULE FOR T8
LED LAMP**

MARKING AND WIRING DIAGRAM

Fig 1. 1 x 9W LED Tube

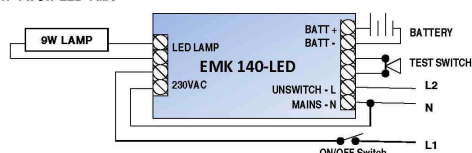


Fig 2. 2 x 9W LED Tube (Power failure 2 tubes ON)

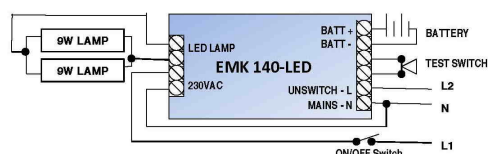
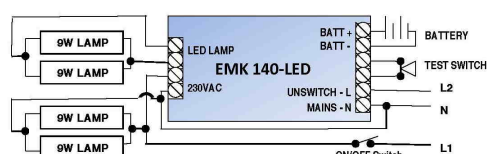
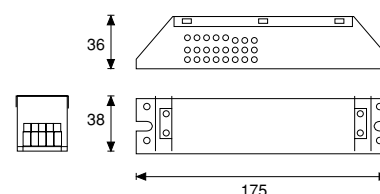


Fig 3. 4 x 9W LED Tube (Power failure 2 tubes ON)



DIMENSION (mm)



Note: Due to continuous development and improvement, our company reserves the right to change specification without notice.



ISO9002-SAM-CAT-2016-040