

# Emergency Battery Kit

## Emergency Battery Kit for LED Tubes

EEC15HV



### Product Description

- Constant Power output Emergency power supply for LED Tube.
- For LED Tube with 240V AC Rating
- With LiFePO4 Batteries having useful life more than 4 years

### Features

- Emergency battery kit with 3 hours battery backup
- Input Voltage: 220-240V AC
- Output Voltage: 230VDC
- Output Power: 5W
- Compatible with LED Tube upto 50W
- Can be assembled inside the light fitting or remotely installed.
- TÜV Rheinland Certified
- Extremely reliable with 1 year warranty on the Inverter and the Battery

### Website:

[www.enov.online](http://www.enov.online)



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### Technical Data

#### Input

Voltage Range:	220-240VAC
Frequency Range:	50-60 Hz
Power Factor:	PF>0.55
Input Power	3.2W
AC Current:	30mA/240VAC
Inrush Current (Max):	1.5A/240VAC

#### Output

DC Voltage:	230 VDC
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#### Protection

IP Rating:	IP20
Mains Surge:	1KV
Max Casing Temperature:	65°C
Ambient Temperature:	0-55°C

#### Environment:

Working Temp:	-25°C to 50°C @ Full load
Working Humidity:	10-95% RH, non-condensing
Storage Temp Humidity:	-40°C to 80°C, 10-95% RH
Vibration:	10-500Hz 2G 12min./1 cycle

#### Safety & EMC

Safety Standards:	EN61347-2-7, EN61347-2-13
Withstand Voltage:	I/P- O/P:2KVAC
Withstand Time:	60s
EMI Conduction & Radiation:	Compliance to EN IEC 55015:2019
EMS Immunity:	EN55015, EN61000-3-2, EN61000-3-3

#### Others

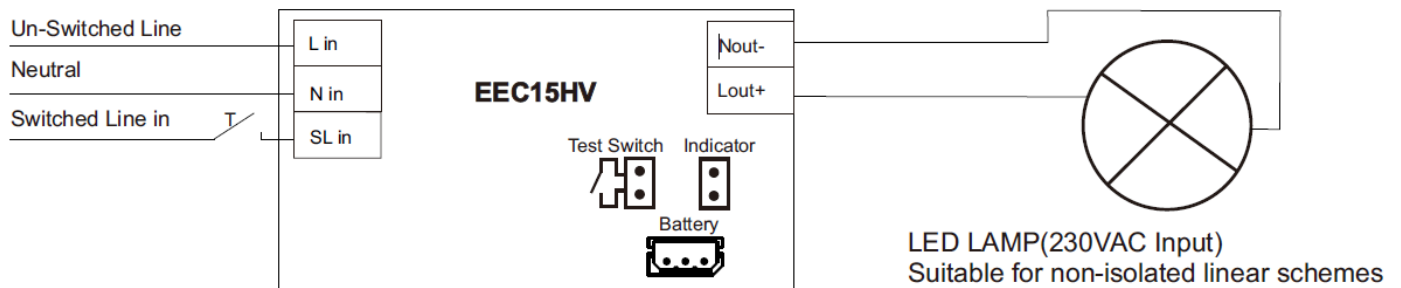
MTBF at 25°C Ambient Temperature:	50000hrs Minimum
Inverter Dimension:	161.17x30.37x21mm

Item Code	Battery	Emergency Power	Emergency Duration	Charge Current	Charge Time
EEC15HV-5W	6.4V 3AH LiFePO4	5W	3 Hours	200mA	16 Hours

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### Installation / wiring



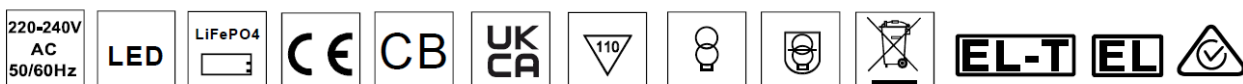
The indicator light will turn off under the following conditions:

1. When the power is off, the light enters the emergency mode
2. Normal Function: When the power is on, the battery is disconnected
3. After the power is connected, disconnect the power, and reconnect the battery (Note: in this case, please reset the AC power supply)

Requirements for wiring wires:

1. Wire diameter range: 0.5-1.5 square meters.
- Crimping buckle can be fastened, wire diameter range: maximum 5.5mm, minimum 3mm.

### Approvals

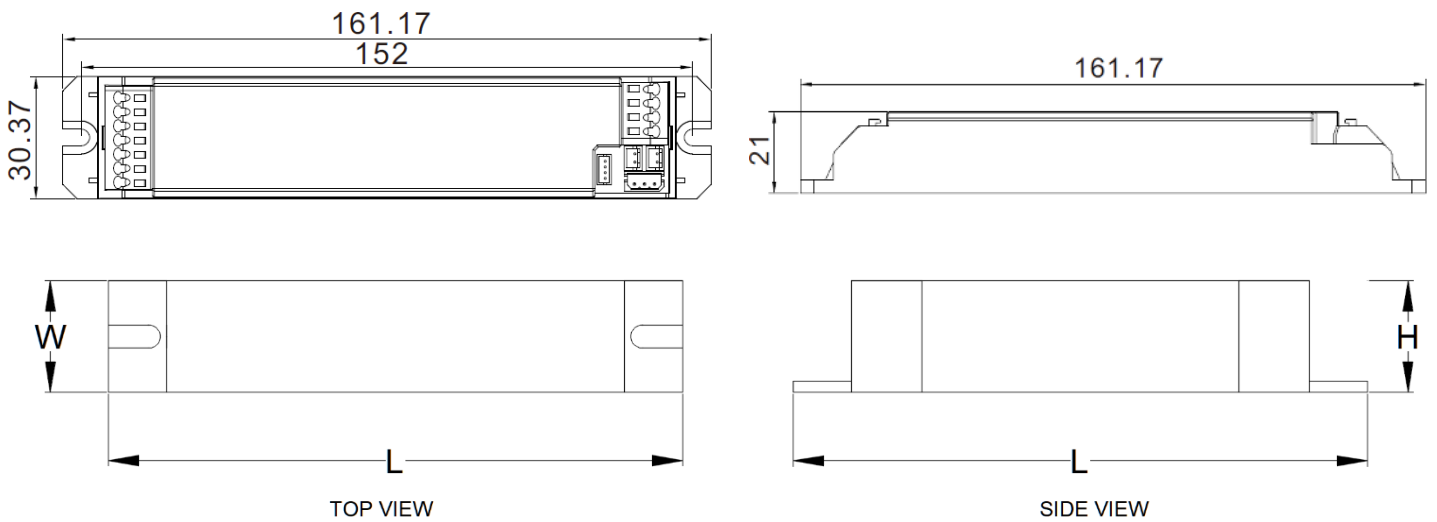


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### Product Dimension:

unit:mm



Battery	L	W	H	Hole Distance
6.4V 3AH LiFePO4	183	36	35	172

### Standards

- EN 61347-2-7
- EN 61347-2-13
- EN 61347-1
- EN 61547
- EN 61000-3-2

### Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture