

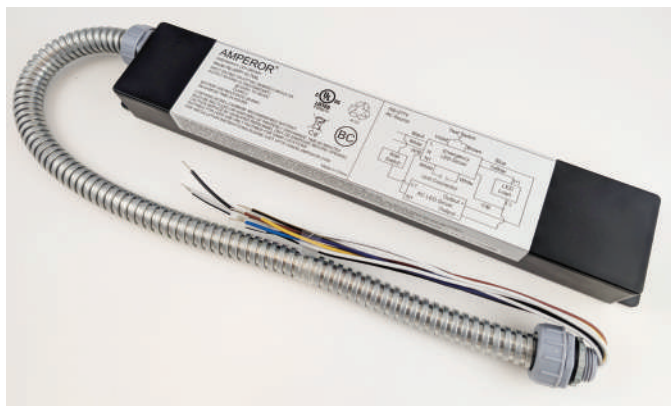
# APP-10.7WL

**Emergency Battery Pack for LED Applications, Constant Power Output Up to 10.7W**



## Features and Applications:

- for LED Emergency Light and Exit Sign Applications
- Operates in Emergency Mode for at least 90 Minutes
- Contains a Recyclable 9.6V, 3000mAH NiCad Battery, a Charger to Perform self Charging and a Constant Power Regulator to Auto Adj. Output to fit the Connected LEDs
- Class II two-wires AC input System
- Constant Power Class 2 Output up to 10.7W
- Outputs Current Auto Adjustable Range: 194mA - 1070mA
- Outputs Voltage Range: 10 - 55Vdc
- Suitable for Dry, Damp and Indoor Locations
- A self-testing kit is included



All specifications are typical at nominal input, full load, at 25°C unless otherwise stated.

### Electrical Specifications

#### INPUT

Input Voltage Range.	90-305Vac, (Rated: 100-277Vac)
Frequency	47-63Hz
Input Current	Max. 0.087A
Max. Leakage Current	0.5mA

#### BATTERY

Recyclable Ni-Cad Battery	3000mAH
Nominal Battery Voltage	9.6V
Battery Capacity	28.8WH

#### Discharge Mode

Auto-adjust Output Current	194mA - 1070mA
Output Voltage Range	10 - 55Vdc
Constant Output Power	10.7W
Battery Discharge Time	90 mins.

#### Charge Mode

Charge Time	Less than 24 Hrs
OTP Protection Point	70°C +/- 5°C

### Safety Certifications

UL UL (E-File# E506614) / BC for CEC

### General Specifications

Weight	1329 g.
Dimension	390.0 x 66.9 x 37.6mm 15.36 x 2.63 x 1.48"
Warranty Info / MTBF	5 Yrs 100K Hrs at 25°C

### Environmental Specifications

Operating Temp. (ambient)	0°C to +50°C
Storage Temp.	-20°C to +65°C
Relative Humidity	10% to 95% ( non-Condensing )
Cooling	Conduction
RoHS	Compliant



### EMC

Conducted Emissions	EN55015,FCC part 15 level B
Radiated Emissions	EN55015,FCC part 15 level B
Surge Protection	EN61000-4-5, level 3 L-N: 1KV

**Amperor Inc.**  
11320 Neeshaw Dr.  
Houston, TX 77065  
1-281-807-3320  
<http://www.amperor.com>

**Amperor Electronics (SZ) Inc.**  
No. 1, Venture Road (Huangyuan #2 Bldg.)  
Nanchang Community, Xixian Street, Baoan District  
Shenzhen, Guang Dong 518126, China  
86-755-2747-5316

**Intertek Corp., an Amperor Company**  
4th Fl, Far East World Center  
81 Bldg D, Sec 1, XinTaiWu Rd.  
Xizhi, New Taipei City, 221, Taiwan, R.O.C.  
886-2-2698-2239

# APP-10.7WL

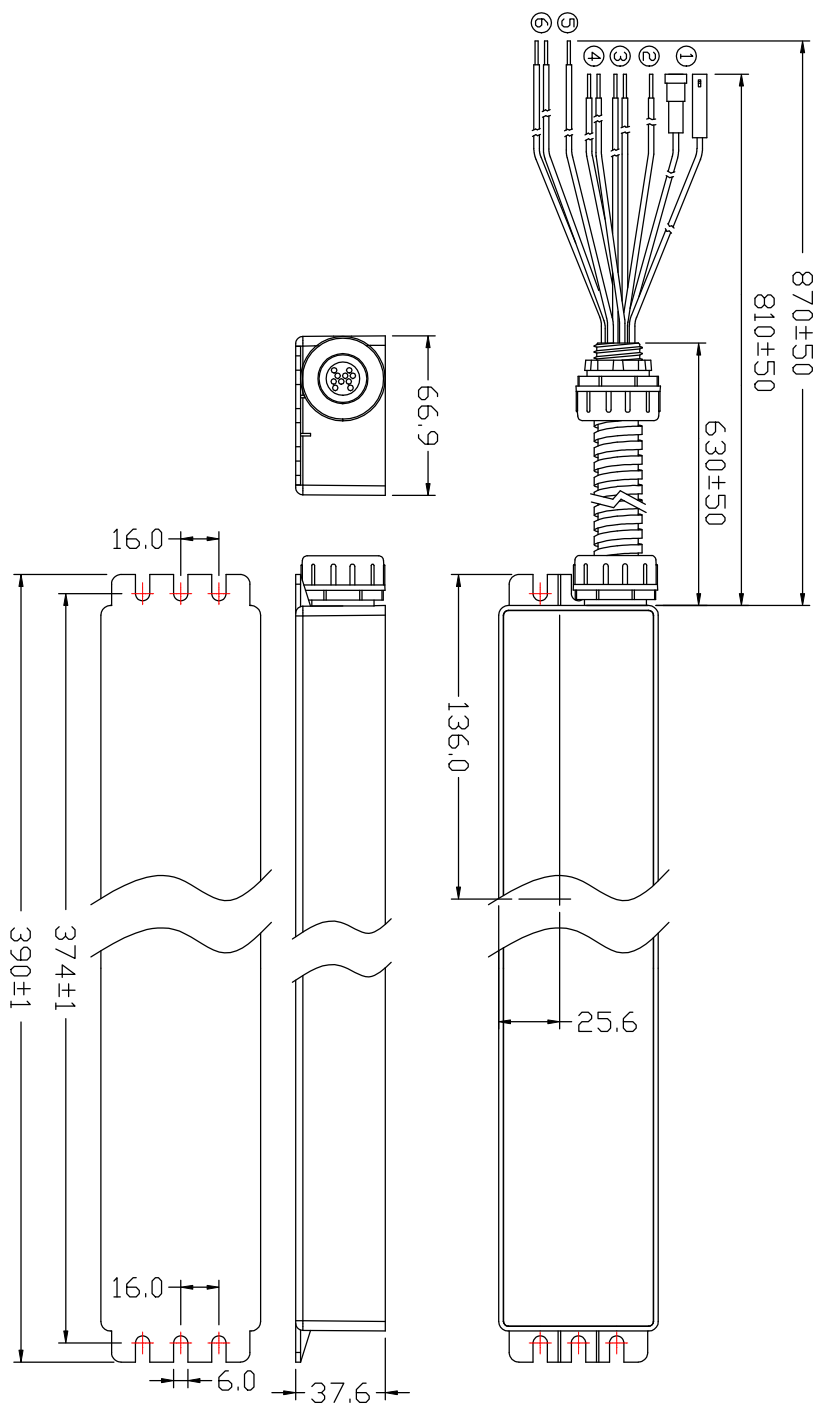
Emergency Battery Pack for LED Applications, Constant Power Output Up to 10.7W



## Mechanical Drawing

TYPICAL WIRING DIAGRAM			
SIDE	NO.	WIRING PORT	WIRE COLOR
OUTPUT	①	UNIT CONNECTOR	WHITE ; WHITE
	②	TD AC DRIVER OUTPUT	BLUE(OUTPUT+)
	③	TEST Switch/LED Indicator	BROWN(+); VIOLET(-)
	④	LED LOAD	YELLOW(+); YEL/BLK(-)
INPUT	⑤	AC (NORMAL) DRIVER	WHITE/BLACK
	⑥	AC INPUT	BLACK(L); WHITE(N)

- NOTE:
1. WIRE : UL1316 18AWG 105° 600V;
  2. UNIT CONNECTOR : MALE IS JMT JP2030-1K; FEMALE IS JMT JP2130-1K OR EQUIVALENT;
  3. OTHER TOLERANCE :  $\pm 0.5$
  4. UNIT : MM

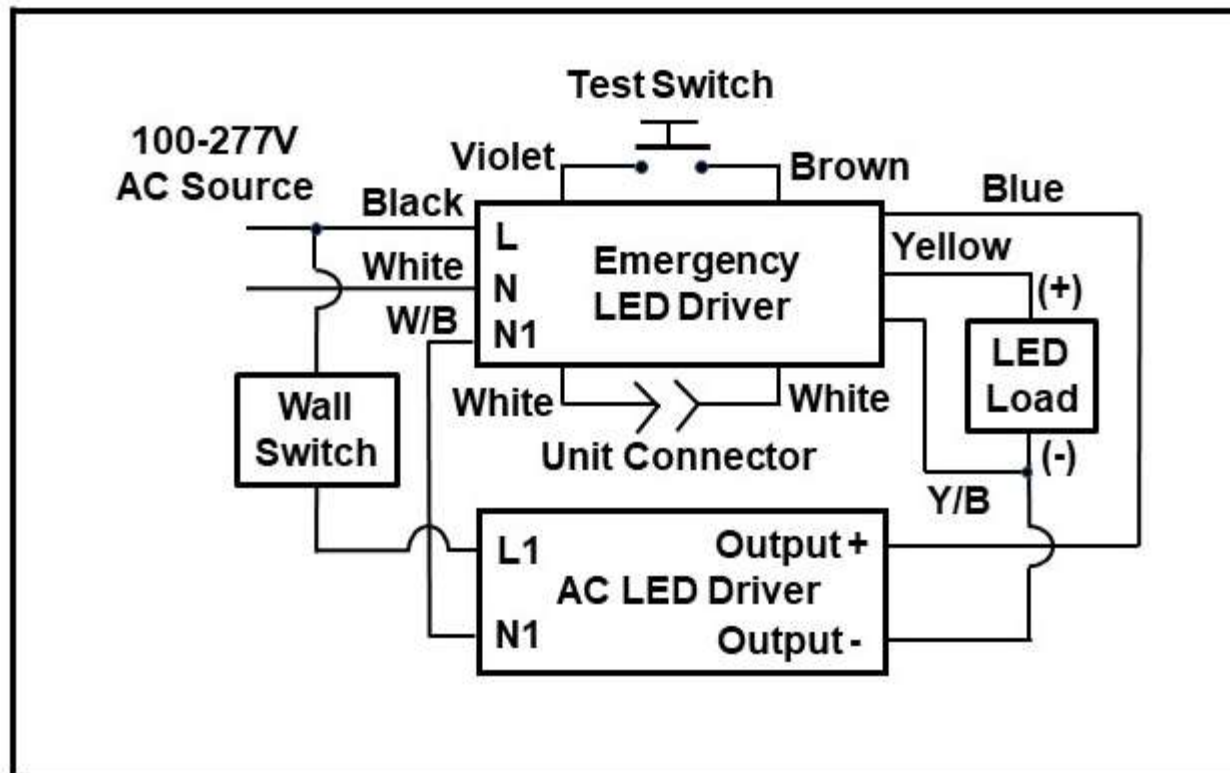


# APP-10.7WL

Emergency Battery Pack for LED Applications, Constant Power Output Up to 10.7W



## Installation Diagram



- Suitable for LED and Dry and Damp Applications only.
- Disconnect power prior to opening. Service restricted to qualified personnel only.
- If no wall switch is installed, wire the AC LED Driver's L straight to the Emergency LED Driver's black lead.

## The Self-Testing Kit



**Amperor Inc.**  
11320 Neeshaw Dr.  
Houston, TX 77065  
1-281-807-3320  
<http://www.amperor.com>

**Amperor Electronics (SZ) Inc.**  
No. 1, Venture Road (Huangyuan #2 Bldg.)  
Nanchang Community, Xixian Street, Baoan District  
Shenzhen, Guang Dong 518126, China  
86-755-2747-5316

**Intertek Corp., an Amperor Company**  
4th Fl, Far East World Center  
81 Bldg D, Sec 1, XinTaiWu Rd.  
Xizhi, New Taipei City, 221, Taiwan, R.O.C.  
886-2-2698-2239