

EMERGENCY BATTERY BACKUP

TK-ES-EIA-01S™ Series

Description

Tektron's TK-ES-EIA-01S is a High-Quality Emergency Battery Backup provides reliable power during outages, ensuring continuous operation of essential devices. With Advanced battery technology, it offers long-lasting energy storage and quick recharging capabilities. Ideal for critical systems like medical equipment and communication networks, it ensures safety and convenience during emergencies.

Application

The Battery Backups ensure continuous power for critical devices during outages, protecting essential systems in homes, hospitals, and data centers.

Quick Ship

TK-ES-EIA-25W-01S



Specifications and Features

Controls / Dimming

0-10V dimming 10-100%, dim to off, comes with different accessories like Test Plate and Remote control Optional

Warranty

5 Years Limited Warranty.

For more information visit us at,

<https://www.technoledlights.com/warrantyinfo>

Certifications

It compiles with UL listing , LI-ION Rated, and with SELF TEST , CP emergency output Rated.

Installation and Mounting

The installation process is straight forward and offers a range of mounting possibilities. Durable airtight Iron body. No housing required.

Ordering Information

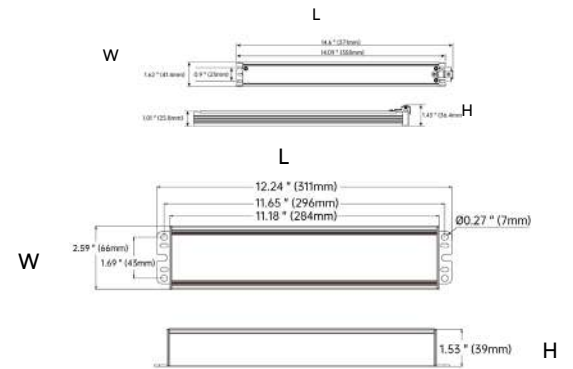
Example: TK-ES-EIA-9W-01S

TK	ES-EIA	9W	9W	1800mAh	[BLANK]
Brand	Series	Length	Watts	Battery Capacity	Input Voltage
TK- TekTron	ES-EIA-01S- Emergency Battery Backup	9W - 14 inch 15W - 14 inch 25W - 12 inch 32W - 12 inch 40W - 12 inch	9W - 9Watts 15W - 15Watts 25W - 25Watts 32W - 32Watts 40W - 40Watts	1800mAh 2600mAh 4400mAh 5200mAh 6600mAh	100-347VAC, 50/60Hz Dimming 0-10V Dimming Capable*
Look at the models for specifics					

Specifications and Features

Input Voltage	100-347VAC, 50/60Hz
Output Voltage	145VAC
Input Current	0.1A Max
Input Power	8W Max
Dimming	1-10V Dimming
Power Factor	0.6 @100VAC, 0.5@347VAC
Operational Temperature	0°C ~ 50°C
Recharge Duration	60Hz
Emergency Duration	90 minutes

Dimensions



Part Number	L (Length)	W (Width)	H (Height)
TK-ES-EIA-9W	14.6 inch	1.62 inch	1.43 inch
TK-ES-EIA-15W	14.6 inch	1.62 inch	1.43 inch
TK-ES-EIA-25W	12.24 inch	2.59 inch	1.53 inch
TK-ES-EIA-32W	12.24 inch	2.59 inch	1.53 inch
TK-ES-EIA-40W	12.24 inch	2.59 inch	1.53 inch

Model Selection Table

Models	TK-ES-EIA-9W	TK-ES-EIA-15W	TK-ES-EIA-25W	TK-ES-EIA-32W	TK-ES-EIA-40W
Emergency wattage	9W	15W	25W	32W	40W
Battery Capacity	14.8V/ 1800mAh	14.8V/ 2600mAh	14.8V/ 4400mAh	14.8V/ 5200mAh	14.8V/ 6600mAh
Compatible led fixture	9-80W LED lamp With 0-10V Dimming Or LED lamp less than 9W without 0-10V Dimming	15-120W LED lamp With 0-10V Dimming Or LED lamp less than 15W without 0-10V Dimming	25-200W LED lamp With 0-10V Dimming Or LED lamp less than 25W without 0-10V Dimming	32-300W LED lamp With 0-10V Dimming Or LED lamp less than 32W without 0-10V Dimming	40-350W LED lamp With 0-10V Dimming Or LED lamp less than 40W without 0-10V Dimming

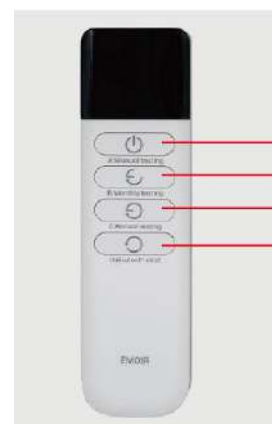
Accessories



15pcs Wire Nuts



1pc Test Plate



1pc remote control (Optional)

- A: Manual testing
- B: Monthly testing
- C: Annual testing
- D: Bluetooth reset

Test Button and LED Indicator

Operations	Test button Operations	Remote control Operations	Indicator Status	Working Status
Normal mode	Press the Test Button	Press the Button A	OFF	Emergency mode
	/	Press the Button B	OFF	Monthly testing
	/	Press the Button C	OFF	Annual testing
	/	/	ON	Battery is charging or fully charged
	Press the test button 5 times within 5S	Press button D 10S	Flashing 3 times	Bluetooth reset
Emergency mode	Press the test Button 5S	/	OFF	Turn off the battery pack
Malfunction mode	/	/	Flashing	1. The battery pack is disconnected or it is broken. 2. The load is disconnected. 3. Short circuit or open circuit. 4. The wires are not connected properly.

IMPORTANT SAFEGUARDS

1. CAUTION — To prevent electrical shock, do not mate unit connector until installation is complete. Power is supplied to the unit.
2. CAUTION — This fixture provides more than one power supply output source. To reduce the risk of electrical shock, disconnect both normal and emergency sources by turning off the A.C. Branch circuit and by disconnecting the unit connector.
3. CAUTION — This is a sealed unit. Components are not replaceable. Replace the entire unit when necessary.
4. CAUTION — Installation and servicing should be performed by qualified personnel only. De-energize before opening.
5. The EIA is for use with grounded LED luminaires listed to UL standards. Not for use in heated air outlets or hazardous locations.
6. The EIA requires an un-switched A.C. power source of 100 to 347 volts, 50/60 Hz.
7. The EIA and A.C. driver must be on the same branch circuit.
8. Do not mount near gas or electric heaters.
9. The EIA should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
10. The EIA will supply 145 VDC output at the individual rated specification for 90 minutes.
11. Suitable for use in damp locations and plenum spaces.
12. Flexible metal conduit is optional, depends on installation environment.
13. For use in 0° C minimum, 50° C maximum ambient temperatures.
14. Do not use this equipment for other than intended use.
15. Install in accordance with the National Electrical Code and local regulations.
16. Lighting fixture manufacturers, electricians, and users need to ensure product system compatibility before final installation.

