

Specialist in Emergency Driver & LiFePO4 Battery Systems

Special battery for emergency lighting fixtures

Shenzhen Yihui (streamer) Lighting Co., Ltd

Huizhou Manufacturing HQ

Global: szstreamer.com

North America: szstreamer.com



STREAMER – The Emergency Lighting Expert

Founded in 2011, STREAMER is a specialized manufacturer of LED emergency drivers, emergency kits and battery backup systems for commercial and industrial lighting. We provide safe, reliable and code-compliant emergency lighting solutions for global OEM partners and lighting brands.

With independent R&D, in-house engineering and ISO-certified production, STREAMER offers one-stop emergency power solutions including product development, customization and technical support. Our products are used in high bays, panels, troffers, wall packs, strip lights, exit signs and more.

STREAMER supplies more than 45 countries through manufacturing facilities in China and Thailand, ensuring fast delivery, consistent quality and dependable service.

Why Streamer?

- **One-Stop Emergency Power Solutions**
Complete range of emergency LED drivers, kits, inverters, and battery backup systems.
- **Reliable Engineering Quality**
Designed for safety and long-term performance in commercial and industrial environments.
- **Professional R&D Team**
Custom emergency power solutions available for OEM and project requirements.
- **Fast Global Supply Capability**
China Headquarters + Thailand manufacturing hub for export efficiency.
- **Certified Quality & Compliance**
Products designed according to UL924, IEC, CE, RoHS, EMC, ISO9001 quality systems.
- **Trusted by Global Partners**
Preferred emergency lighting supplier for major LED manufacturers world wide.



OEM / ODM Customization Support

STREAMER provides professional emergency lighting customization for lighting manufacturers and project contractors.

- **Custom Emergency Driver Specifications**
Output wattage, voltage compatibility, wiring options, housing style, and connector types.
- **Fixture Integration Solutions**
Emergency kits designed for high bays, panels, troffers, strips, architectural fixtures, vapor tight, and wall packs.
- **Private Label Manufacturing**
Full custom branding available: labels, packaging, manuals, barcode system.
- **Technical Engineering Support**
Wiring design, fixture test support, thermal design consultation, UL924 compatibility guidance.
- **Fast Prototype Service**
Quick engineering samples and project-based emergency solutions.
STREAMER is your reliable partner for emergency lighting system integration

Product Development & Innovation

STREAMER follows a professional product development system to ensure reliability, safety, and performance in every emergency lighting solution.

- **Structured Development Plan**
Clear roadmap from concept to mass production with engineering checkpoints.
- **Compliance-Driven Design**
Designed to meet global emergency lighting standards: UL924, IEC, EN61347, CE, EMC, RoHS.
- **Fixture Compatibility Focus**
Clear roadmap from concept to mass production with engineering checkpoints.
- **Compliance-Driven Design**
Engineered for seamless integration with high bays, panels, troffers, strips, wall packs, downlights, and other LED luminaires.
- **Continuous Innovation**
Dedicated R&D programs in LiFePO4 battery systems, intelligent self-test technology, miniaturized drivers, and high-efficiency inverters.
- **Customer-Centric Engineering**
Product designs based on real-world fixture needs and feedback from global OEM partners.

Quality Control & Testing

STREAMER ensures consistent safety and performance through strict quality systems and engineering validation.

- ISO9001:2015 Certified Manufacturing
- 100% Functional Testing before shipment
- Batch Aging & Reliability Testing
- High/Low Temperature Endurance Testing
- Battery Cycle Life Verification
- Surge Protection & Safety Testing
- EMC/EMI Noise Evaluation
- Burn-in & Aging Performance Validation
- Component Traceability System

Every emergency driver undergoes complete inspection from PCB to assembly, ensuring long-term field reliability in critical safety applications.

Emergency Driver & Battery Solutions

STREAMER provides a complete portfolio of LED emergency drivers and battery backup systems designed for commercial and industrial luminaires.

Solution Type	Features	Applications
Emergency LED Drivers	Constant power output, universal AC input, self-test options, compact housing	Panels, troffers, downlights
Emergency LED Inverters	0-10V dimming compatibility, high watt output, fixture flexibility	Linear high bays, area lighting
Internal/External Battery Packs	Remote or inline mounting, plug-and-play harness options	Strip lights, vapor tights
Junction Box Emergency Kits	Pre-assembled for fast installation	Retrofit upgrades
Damp & Cold Storage Drivers	Low-temperature performance options	Warehouses, freezer rooms

STREAMER systems are engineered for safety, long life, and ease of installation, helping lighting manufacturers meet emergency code requirements efficiently.

Manufacturing & Supply Capability

China Headquarters – Huizhou, Guangdong

Engineering center, SMT, assembly, quality validation, production



Thailand Manufacturing Hub – Rayong Province

Export-friendly production for North America, EU, and Middle East markets, tariff advantage for U.S. partnerships



01-Why Streamer?

02 - OEM / ODM Customization Support

02 - Product Development & Innovation

03 - Quality Control & Testing

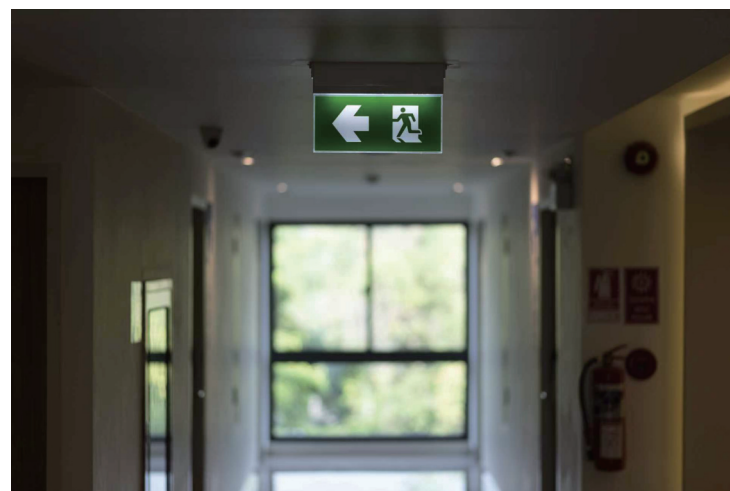
03 - Emergency Driver & Battery Solutions

07-Discover

07 - LED Emergency driver

07 - LiFePO4 Battery

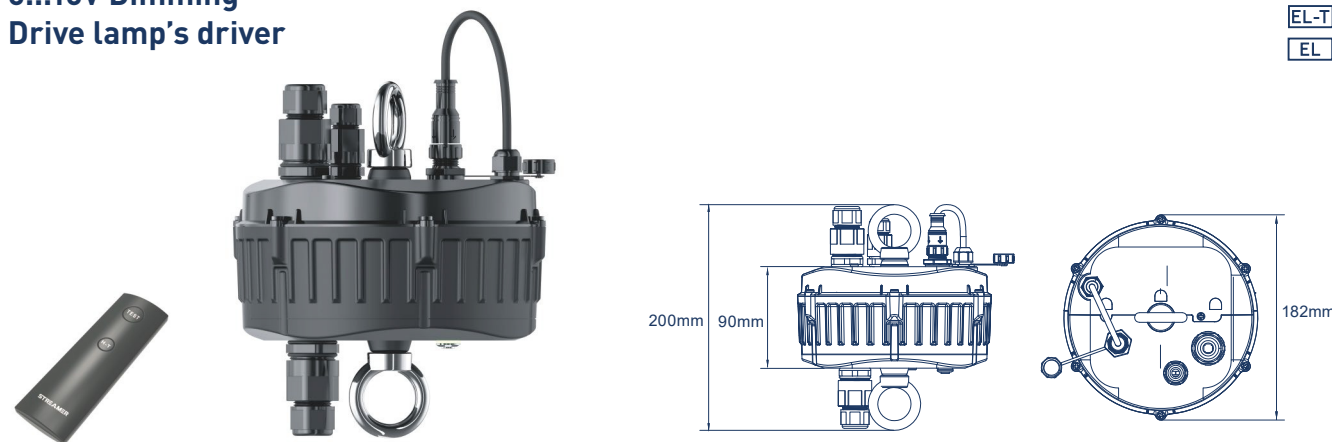
19 - LED Emergency Converfer





LED Emergency driver/ LiFeP04 Battery

0...10V Dimming
Drive lamp's driver



Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
STB27FD-09T-LFPB4S1P	220-240Vac 50/60Hz	DC200-250V, 9-30WCP/0-10V	Self-test/Manual test	LiFeP04 12.8V 3.2Ah	1/2/3hrs
STB27FD-20T-LFPB4S2P	220-240Vac 50/60Hz	DC200-250V, 20-60WCP/0-10V	Self-test/Manual test	LiFeP04 12.8V 6Ah	1/2/3hrs
STB27FD-20TB-LFPB4S2P	220-240Vac 50/60Hz	DC90-300V, 20-60WCP	Self-test/Manual test	LiFeP04 12.8V 6Ah	1/2/3hrs



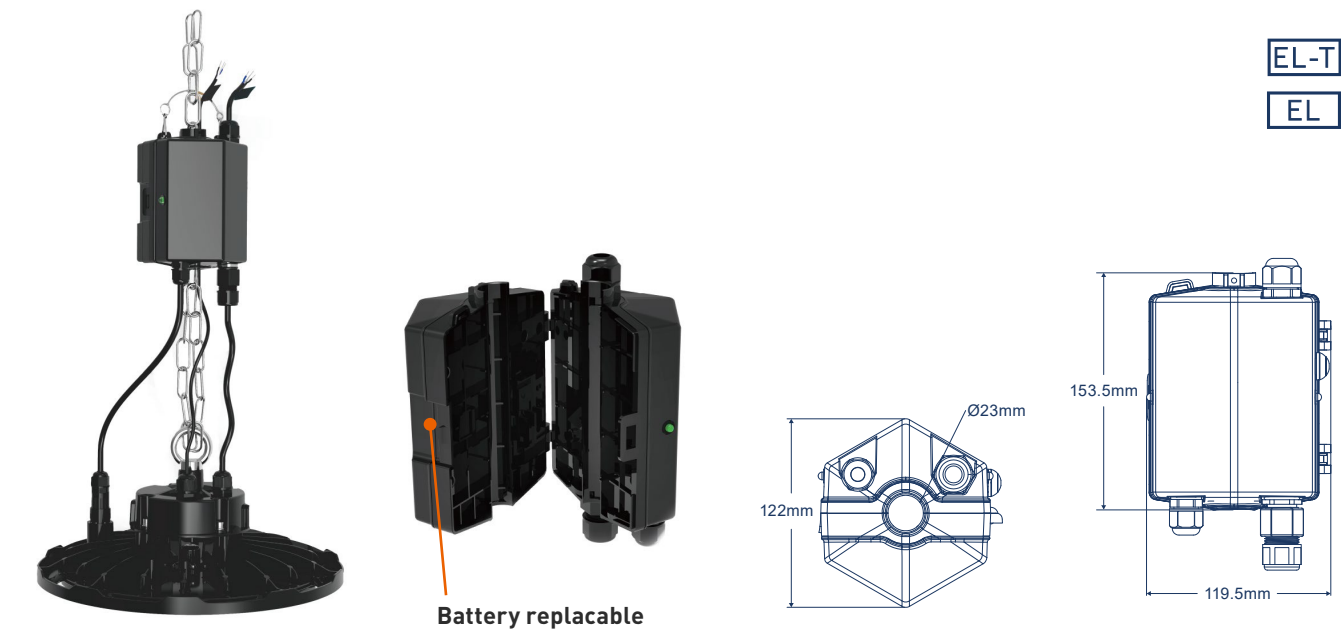
LED LAMPS



Battery pack
Lithium iron phosphate battery.
Easily replaced by hand



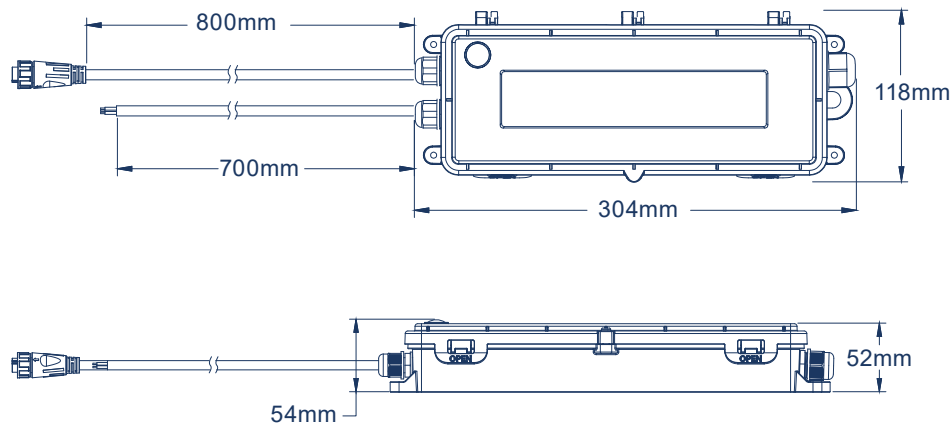
LED Emergency driver/ Non-maintained mode/ LiFePo4 Battery



Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
STB-46T05WL-300	220-240Vac 50/60Hz	DC20-300V, 5WCP	Self-test/Manual test	LiFeP04 6.4V 3.6Ah	> 3hours
STB-46T08WL-300	220-240Vac 50/60Hz	DC20-300V, 8WCP	Self-test/Manual test	LiFeP04 6.4V 6Ah	> 3hours



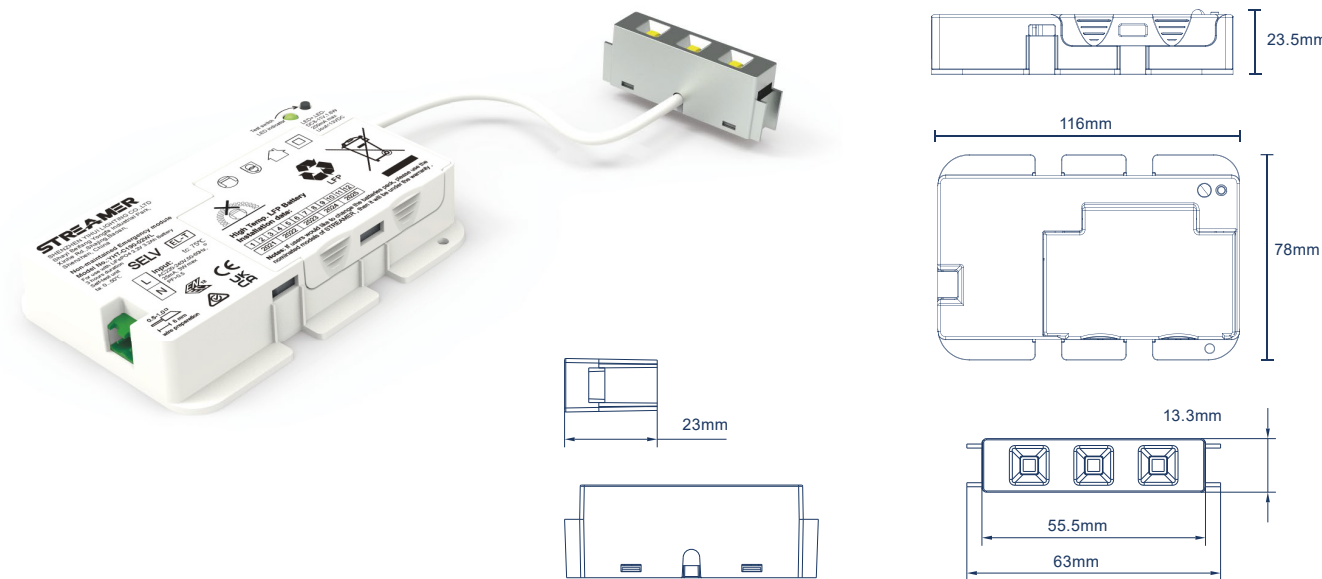
LED Emergency driver / Non-maintained mode / LiFeP04 Battery



Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
STB64T-04WL-553	220-240Vac 50/60Hz	DC 20-55V, 4WCP	Self-test/Manual test	LiFeP04 6.4V 3.6Ah	> 3hours
STB64T-06WL-553	220-240Vac 50/60Hz	DC 20-55V, 6WCP	Self-test/Manual test	LiFeP04 9.6V 3.6Ah	> 3hours



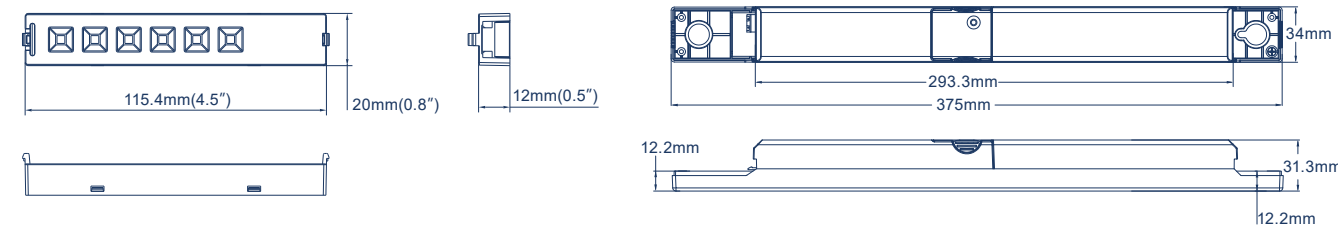
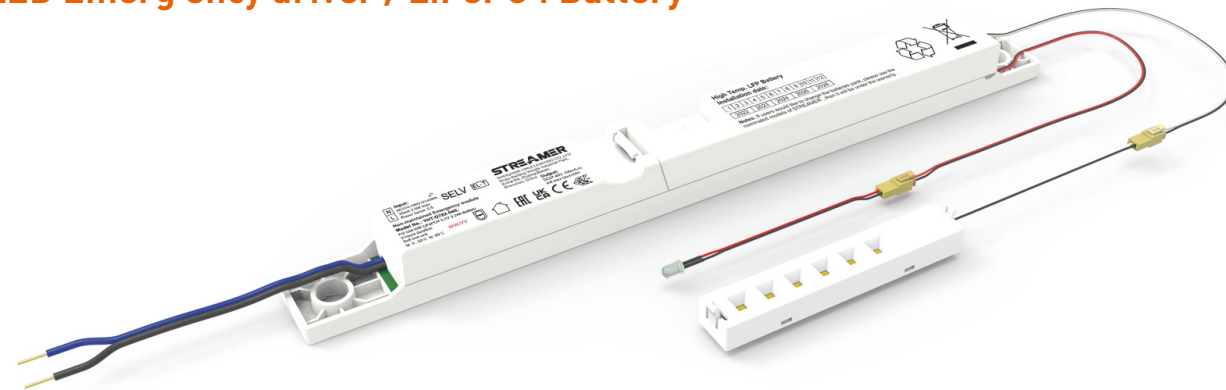
LED Emergency driver / Non-maintained mode / LiFeP04 Battery



Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
YHT-C190-02WL	220-240Vac 50/60Hz	DC8-11V, 1.6WCP	Self-test/Manual test	LiFeP04 3.2V 3.2Ah	> 3hours

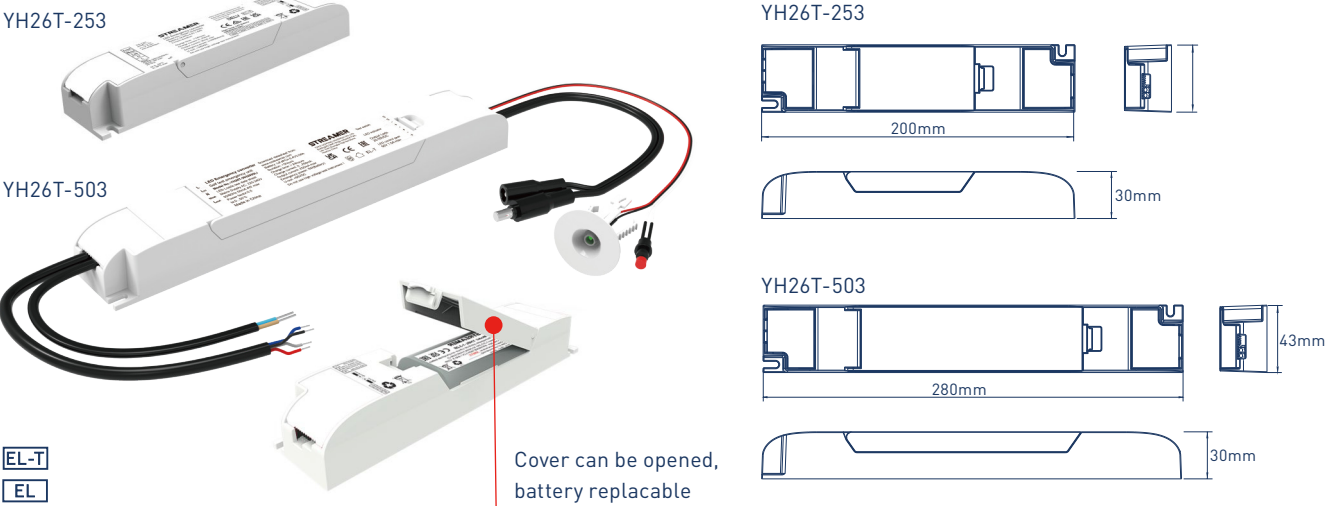


LED Emergency driver / LiFeP04 Battery



Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
YHT-D7820-04IL	220-240Vac 50/60Hz	DC27-40V, 100mA cc 4W max	Self-test/Manual test	LiFeP04 6.4V 3.6Ah	> 3hours

LED Emergency driver / LiFePO4 Battery



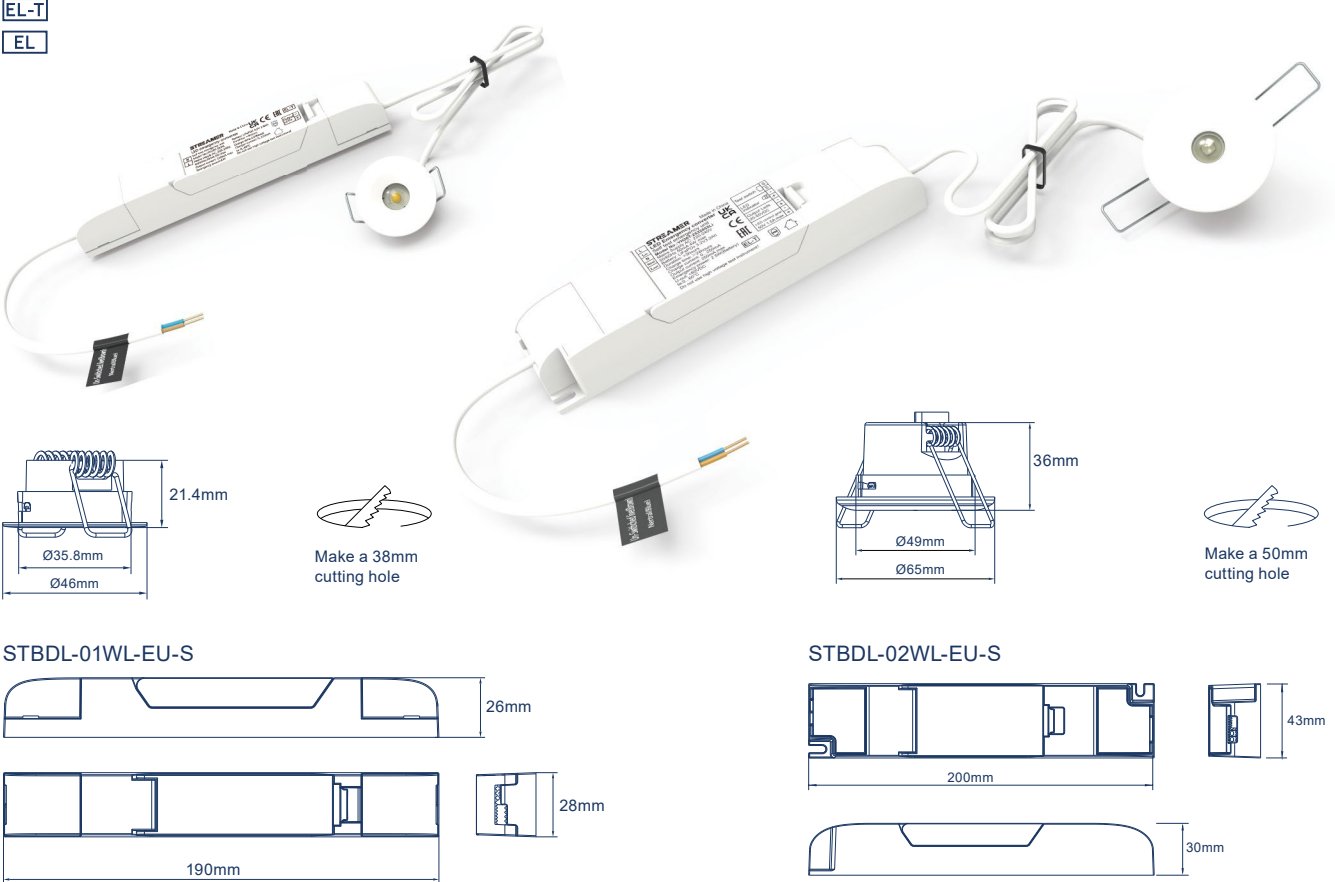
Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
YH26T-2532055Li	220-240Vac 50/60Hz	DC20-55V , 2-2.5WCP	Self-test/Manual test	LiFePO4 3.2V 3.2Ah	> 3hours
YH26T-253H300Li	220-240Vac 50/60Hz	DC60-300, 2-2.5WCP	Self-test/Manual test	LiFePO4 3.2V 3.2Ah	> 3hours
YH26T-5032055Li	220-240Vac 50/60Hz	DC20-55V,4-5WCP	Self-test/Manual test	LiFePO4 6.4V 3.2Ah	> 3hours
YH26T-503H300Li	220-240Vac 50/60Hz	DC60-300, 4-5WCP	Self-test/Manual test	LiFePO4 6.4V 3.2Ah	> 3hours



YH26T Emergency Converter

- DC50-300V, 5W Constant Power Output.
- 3hours Duration Time
- 5 Years Warranty

LED Emergency driver / Non-maintained mode / LiFePO4 Battery



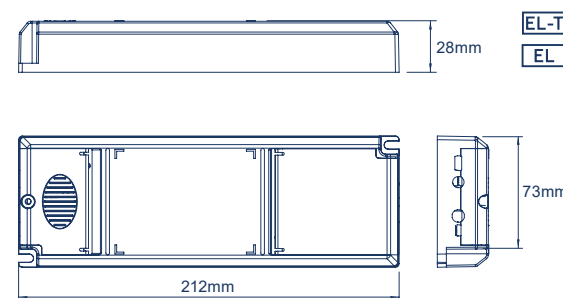
Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
STBDL-01WL-EU-S	220-240Vac 50/60Hz	1.2W/150LM	Self-test/Manual test	LiFePO4 3.2V 1.6Ah	> 3hours
STBDL-02WL-EU-S	220-240Vac 50/60Hz	2.5W/300LM	Self-test/Manual test	LiFePO4 3.2V 3.2Ah	> 3hours





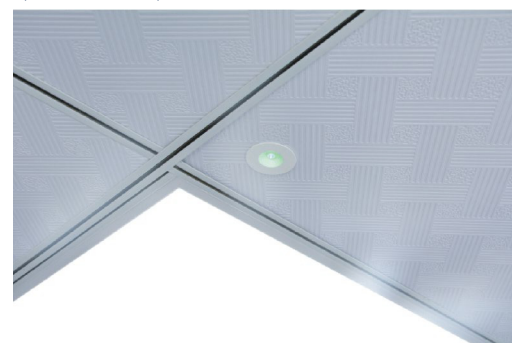
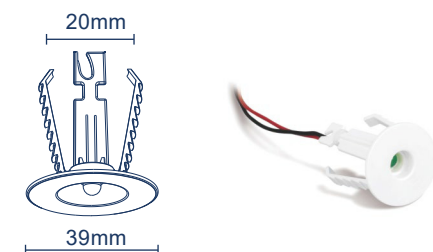
LED Emergency driver / LiFePO4 Battery

Self-test



Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
YH25-2031050Li	220-240Vac 50/60Hz	DC10-50V,3WCP	Self-test/Manual test	LiFePO4 6.4V 1.6Ah	> 3hours
YH25-3031050Li	220-240Vac 50/60Hz	DC10-50V, 3WCP	Self-test/Manual test	LiFePO4 6.4V 2.2Ah	> 3hours
YH25B-2031050Li	220-240Vac 50/60Hz	DC10-50V , 2WCP	Manual test	LiFePO4 6.4V 1.6Ah	> 3hours
YH25B-3031050Li	220-240Vac 50/60Hz	DC10-50V , 3WCP	Manual test	LiFePO4 6.4V 2.2Ah	> 3hours
YH25B-3021050Li	220-240Vac 50/60Hz	DC10-50V , 3WCP	Manual test	LiFePO4 6.4V 1.6Ah	> 2hours
YH25B-5021050Li	220-240Vac 50/60Hz	DC10-50V , 5WCP	Manual test	LiFePO4 6.4V 2.2Ah	> 2hours
YH25B-4151050Li	220-240Vac 50/60Hz	DC10-50V , 4WCP	Manual test	LiFePO4 6.4V 1.6Ah	> 1.5hours
YH25B-6151050Li	220-240Vac 50/60Hz	DC10-50V , 6WCP	Manual test	LiFePO4 6.4V 2.2Ah	> 1.5hours
YH25B-6011050Li	220-240Vac 50/60Hz	DC10-50V , 6WCP	Manual test	LiFePO4 6.4V 1.6Ah	> 1hours
YH25B-8011050Li	220-240Vac 50/60Hz	DC10-50, 8WCP	Manual test	LiFePO4 6.4V 2.2Ah	> 1hours

Make a 20mm cutting hole on the ceiling , where you could install the LED holder .



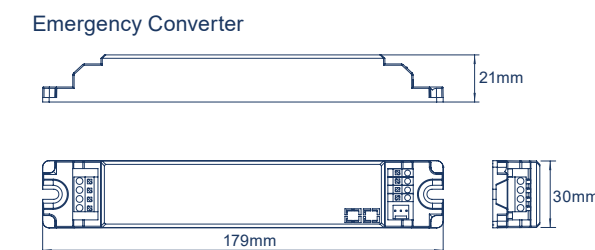
There is a battery box in the driver, where users could replace the battery pack . But users have to use our battery pack modules.

Installation : The driver could be installed on the back of LED panels.



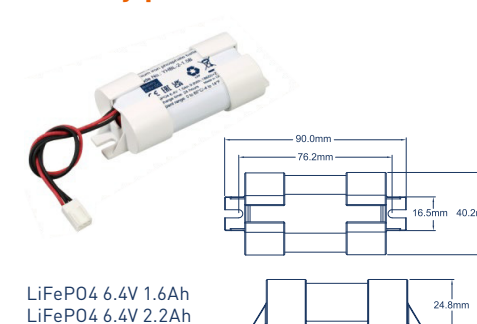
LED Emergency driver / LiFePO4 Battery

Self-test

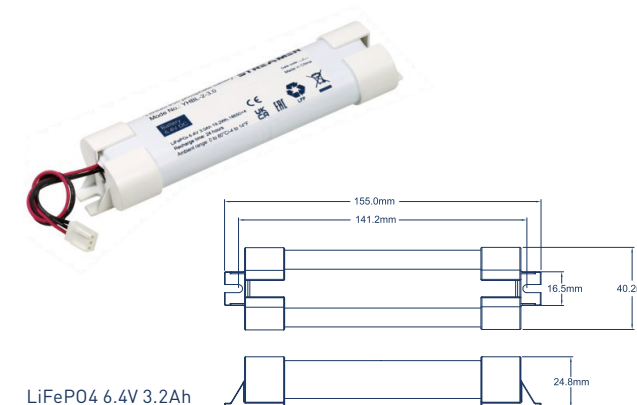


Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
YH18-2031050Li	220-240Vac 50/60Hz	DC10-50V, 2WCP	Self-test/Manual test	LiFePO4 6.4V 1.6Ah	> 3hours
YH18-203H300Li	220-240Vac 50/60Hz	DC50-300V, 2WCP	Self-test/Manual test	LiFePO4 6.4V 1.6Ah	> 3hours
YH18-3031050Li	220-240Vac 50/60Hz	DC10-50V, 3WCP	Self-test/Manual test	LiFePO4 6.4V 2.2Ah	> 3hours
YH18-303H300Li	220-240Vac 50/60Hz	DC50-300V, 3WCP	Self-test/Manual test	LiFePO4 6.4V 2.2Ah	> 3hours
YH18-4031050Li	220-240Vac 50/60Hz	DC10-50V, 4WCP	Self-test/Manual test	LiFePO4 6.4V 3.2Ah	> 3hours
YH18-403H300Li	220-240Vac 50/60Hz	DC50-300V, 4WCP	Self-test/Manual test	LiFePO4 6.4V 3.2Ah	> 3hours
YH18-6031050Li	220-240Vac 50/60Hz	DC10-50V, 6WCP	Self-test/Manual test	LiFePO4 6.4V 4.5Ah	> 3hours
YH18-603H300Li	220-240Vac 50/60Hz	DC50-300V, 6WCP	Self-test/Manual test	LiFePO4 6.4V 4.5Ah	> 3hours

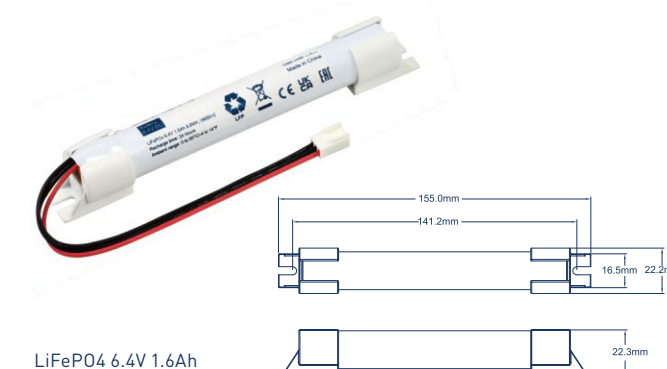
Battery pack



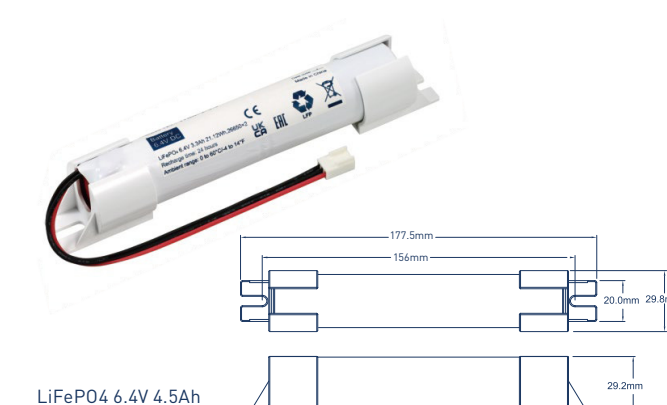
LiFePO4 6.4V 1.6Ah
LiFePO4 6.4V 2.2Ah



LiFePO4 6.4V 3.2Ah

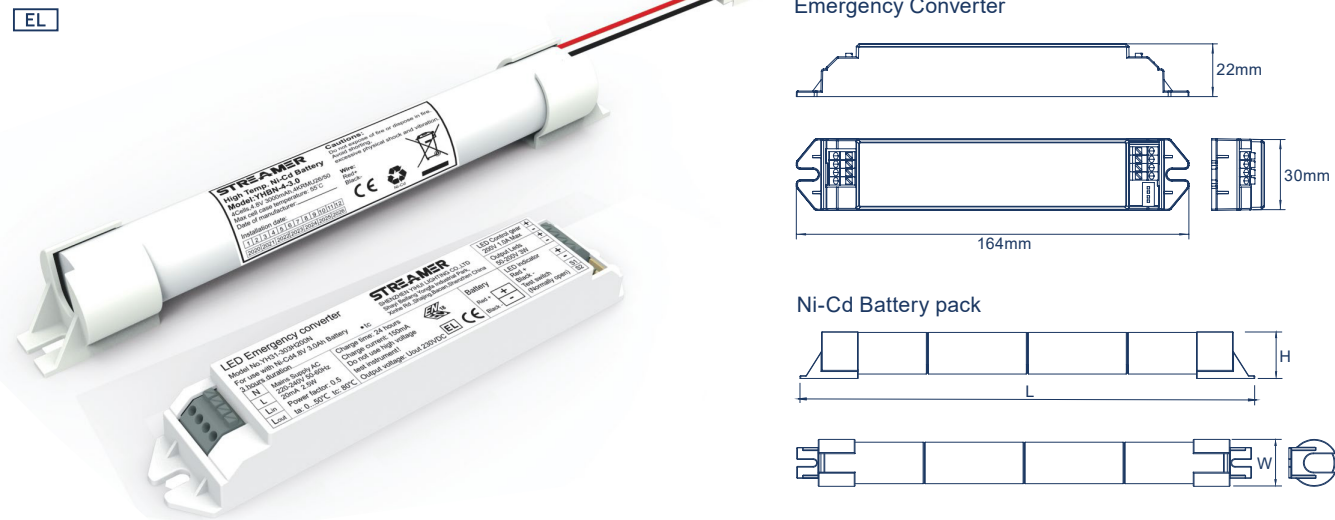


LiFePO4 6.4V 1.6Ah



LiFePO4 6.4V 4.5Ah

LED Emergency driver / LiFePO4 Battery



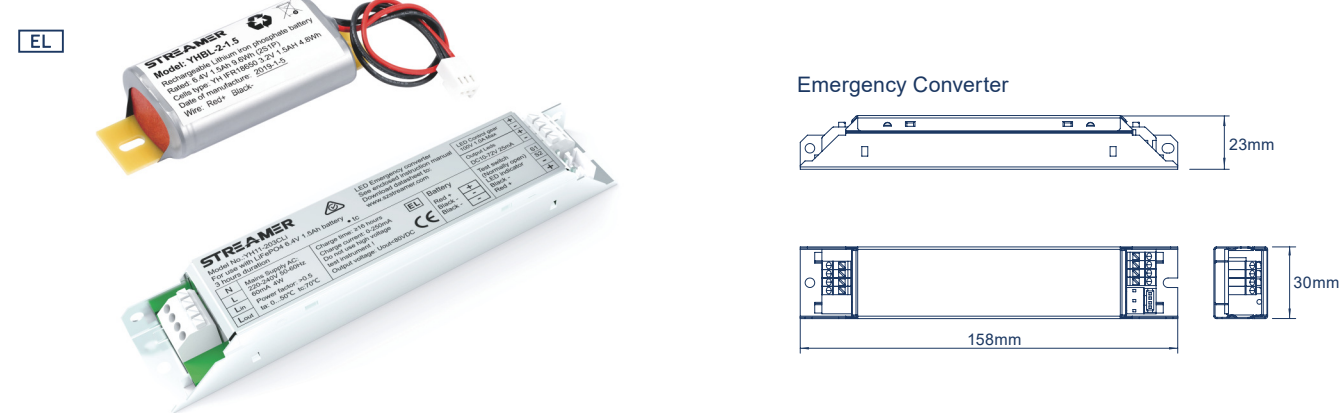
Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
YH31-2031050N	220-240Vac 50/60Hz	DC10-50V, 2WCP	Manual test	Ni- Cd 4.8V 2.0Ah	> 3hours
YH31-203H200N	220-240Vac 50/60Hz	DC50-300V, 2WCP	Manual test	Ni- Cd 4.8V 2.0Ah	> 3hours
YH31-3031050N	220-240Vac 50/60Hz	DC10-50V, 3WCP	Manual test	Ni- Cd 4.8V 3.0Ah	> 3hours
YH31-303H200N	220-240Vac 50/60Hz	DC50-200V, 3WCP	Manual test	Ni- Cd 4.8V 3.0Ah	> 3hours
YH31-4031050N	220-240Vac 50/60Hz	DC10-50V, 4WCP	Manual test	Ni- Cd 4.8V 4.5Ah	> 3hours
YH31-403H200N	220-240Vac 50/60Hz	DC50-200V, 4WCP	Manual test	Ni- Cd 4.8V 4.5Ah	> 3hours

Battery pack

Model No.	Type	Emergency Driver LxWxH
YHBN-4-2.0	Ni-Cd4.8V2.0AH	202×25×26 mm
YHBN-4-3.0	Ni-Cd4.8V3.0AH	228×30×32 mm
YHBN-4-4.5	Ni-Cd4.8V4.5AH	280×38×38 mm

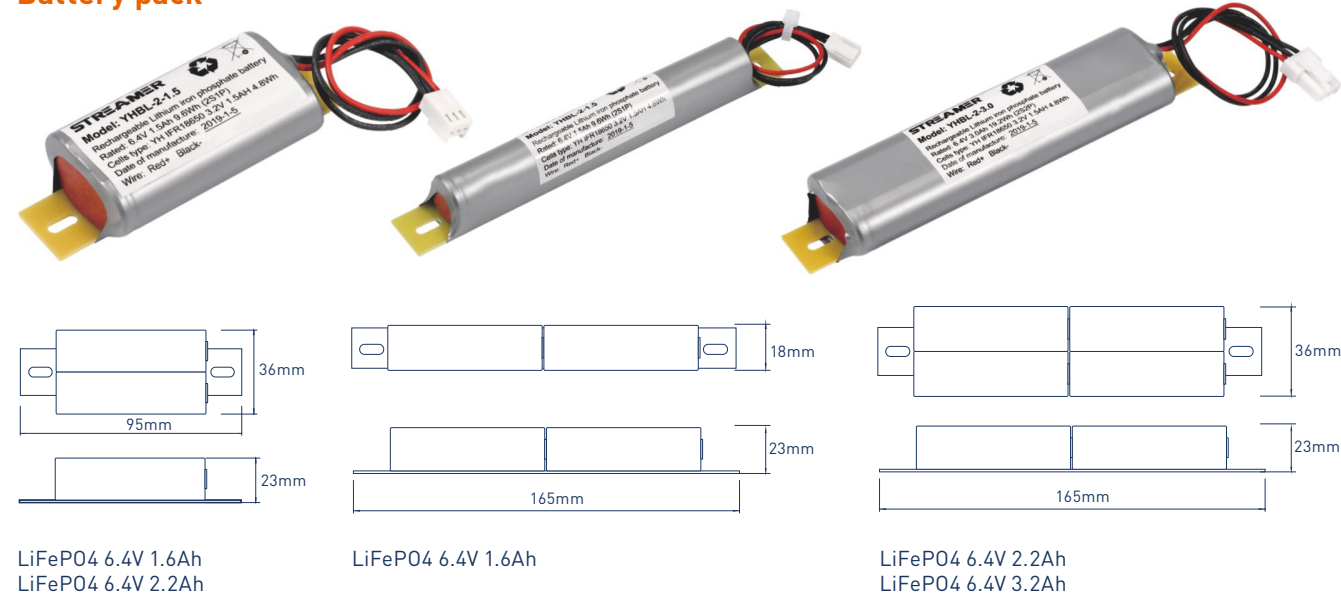


LED Emergency driver / LiFePO4 Battery



Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
YH11-6011050Li	220-240Vac 50/60Hz	DC10-50V, 6WCP	Manual test	LiFePO4 6.4V 1.6Ah	> 1hours
YH11-601H300Li	220-240Vac 50/60Hz	DC50-300V, 6WCP	Manual test	LiFePO4 6.4V 1.6Ah	> 1hours
YH11-3021050Li	220-240Vac 50/60Hz	DC10-50V, 3WCP	Manual test	LiFePO4 6.4V 1.6Ah	> 2hours
YH11-302H300Li	220-240Vac 50/60Hz	DC50-300V, 3WCP	Manual test	LiFePO4 6.4V 1.6Ah	> 2hours
YH11-4151050Li	220-240Vac 50/60Hz	DC10-50V, 4WCP	Manual test	LiFePO4 6.4V 1.6Ah	> 1.5hours
YH11-415H300Li	220-240Vac 50/60Hz	DC50-300V, 4WCP	Manual test	LiFePO4 6.4V 1.6Ah	> 1.5hours
YH11-2031050Li	220-240Vac 50/60Hz	DC10-50V, 2WCP	Manual test	LiFePO4 6.4V 1.6Ah	> 3hours
YH11-203H300Li	220-240Vac 50/60Hz	DC50-300V, 2WCP	Manual test	LiFePO4 6.4V 1.6Ah	> 3hours
YH11-3031050Li	220-240Vac 50/60Hz	DC10-50V, 3WCP	Manual test	LiFePO4 6.4V 2.2Ah	> 3hours
YH11-303H300Li	220-240Vac 50/60Hz	DC50-300V, 3WCP	Manual test	LiFePO4 6.4V 2.2Ah	> 3hours
YH11-4031050Li	220-240Vac 50/60Hz	DC10-50V, 4WCP	Manual test	LiFePO4 6.4V 3.2Ah	> 3hours
YH11-403H300Li	220-240Vac 50/60Hz	DC50-300V, 4WCP	Manual test	LiFePO4 6.4V 3.2Ah	> 3hours
YH11-5031050Li	220-240Vac 50/60Hz	DC10-50V, 5WCP	Manual test	LiFePO4 6.4V 3.6Ah	> 3hours
YH11-503H300Li	220-240Vac 50/60Hz	DC50-300V, 5WCP	Manual test	LiFePO4 6.4V 3.6Ah	> 3hours

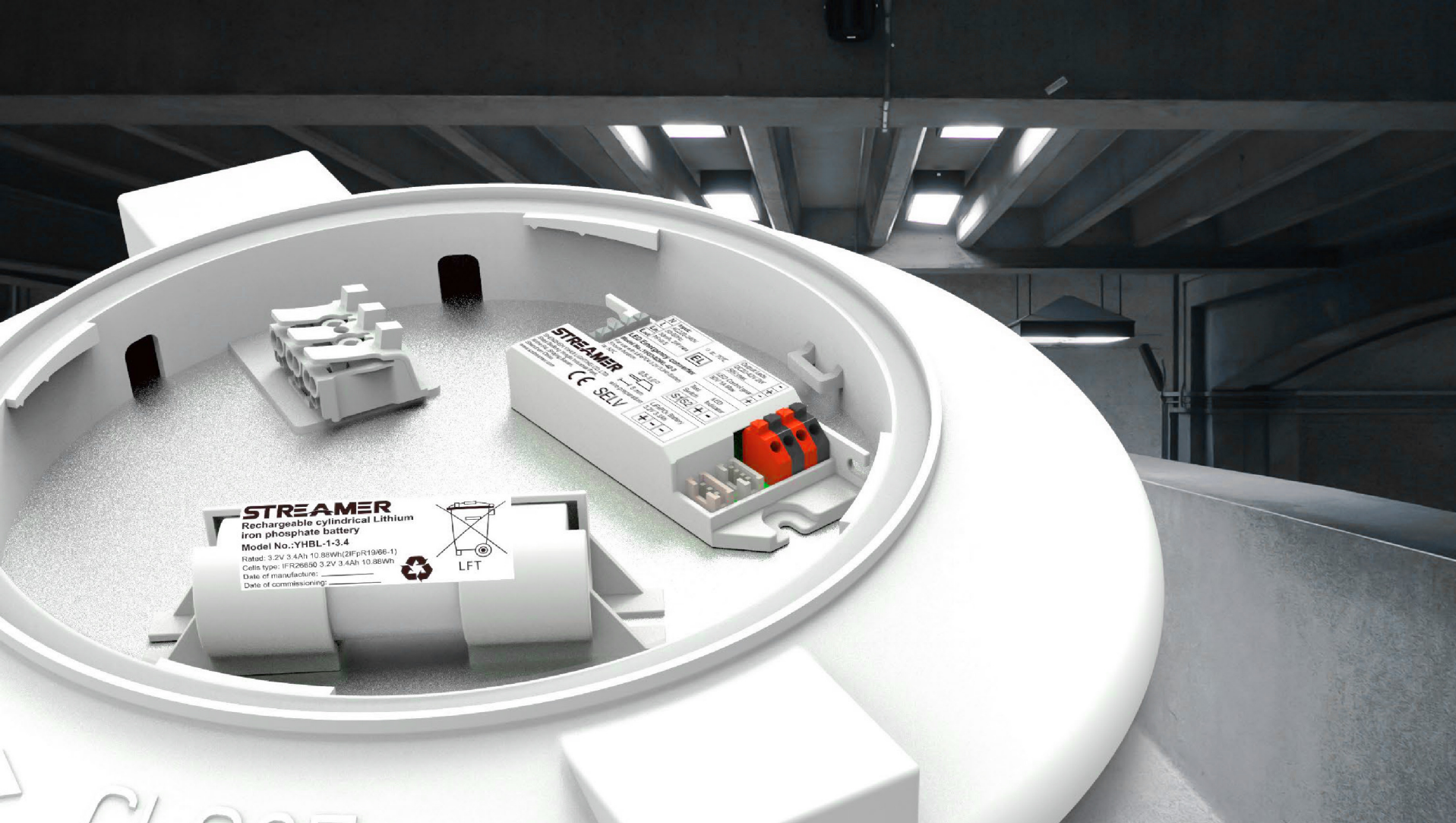
Battery pack



LiFePO4 6.4V 1.6Ah
LiFePO4 6.4V 2.2Ah

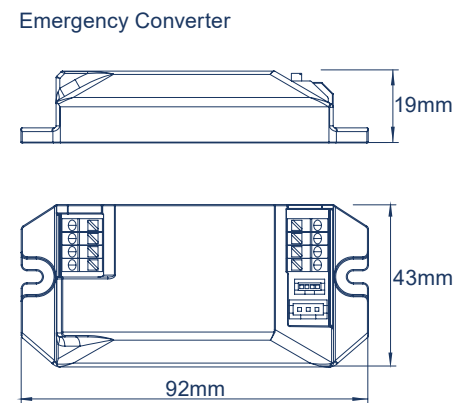
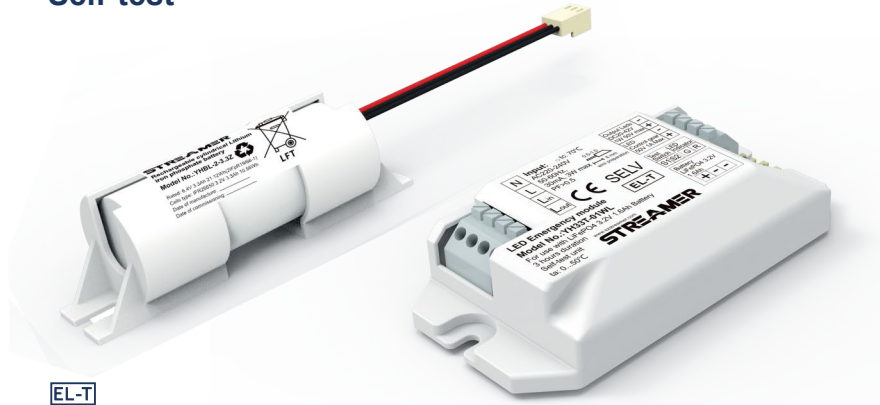
LiFePO4 6.4V 1.6Ah

LiFePO4 6.4V 2.2Ah
LiFePO4 6.4V 3.2Ah





LED Emergency driver / LiFePO4 Battery
Self-test

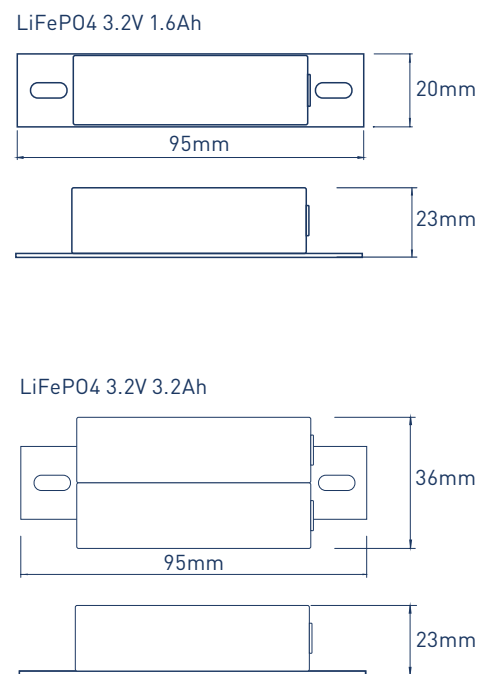


EL-T
EL

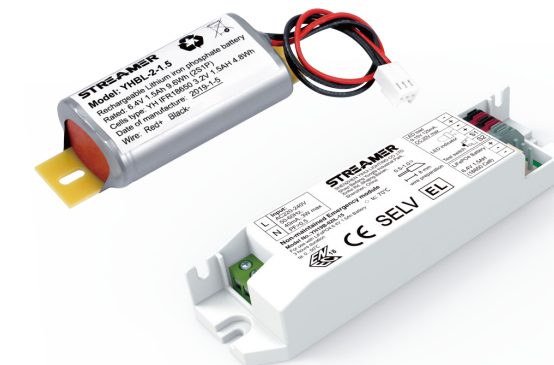
Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
YH33T-103WL-150	220-240Vac 50/60Hz	DC20-150V,1WCP	Self-test/Manual test	LiFePO4 6.4V 1.6Ah	> 3hours
YH33T-203WL-150	220-240Vac 50/60Hz	DC20-150V, 2WCP	Self-test/Manual test	LiFePO4 3.2V 3.2Ah	> 3hours



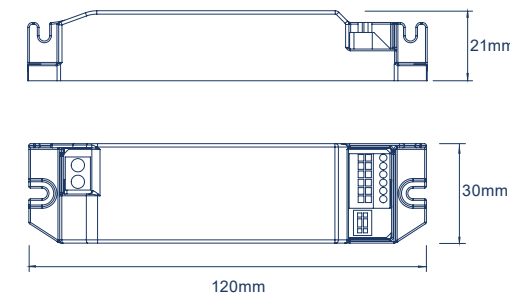
Battery pack



LED Emergency Converter / Non-maintained mode / LiFePO4 Battery



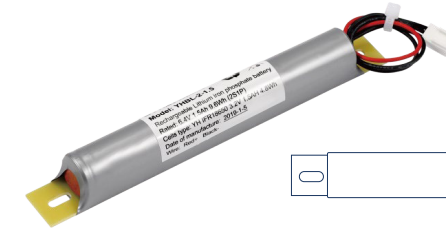
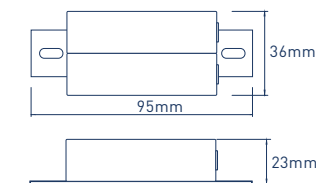
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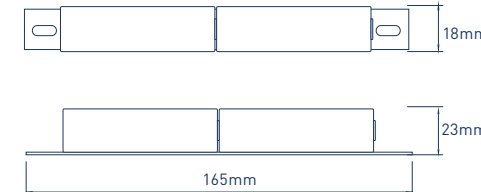
Model No.	Input voltage	Rated output	Battery pack	Emergency time
YH19B-03IL-15	220-240Vac 50/60Hz	9-15Vdc 200mA cc 3W	LiFePO4 6.4V 2.2Ah	> 1hours
YH19B-03IL-26	220-240Vac 50/60Hz	10-26Vdc 120mA cc 3W	LiFePO4 6.4V 2.2Ah	> 1hours
YH19B-03IL-55	220-240Vac 50-60Hz	10-55Vdc 55mA cc 3W	LiFePO4 6.4V 2.2Ah	> 3hours
YH19B-02IL-15	220-240Vac 50-60Hz	9-15Vdc 125mA cc 2W	LiFePO4 6.4V 1.6Ah	> 3hours
YH19B-02IL-26	220-240Vac 50-60Hz	10-26Vdc 75mA cc 2W	LiFePO4 6.4V 1.6Ah	> 3hours
YH19B-02IL-55	220-240Vac 50-60Hz	10-55Vdc 35mA cc 2W	LiFePO4 6.4V 1.6Ah	> 3hours



LiFePO4 6.4V 1.6Ah
LiFePO4 6.4V 2.2Ah



LiFePO4 6.4V 1.6Ah



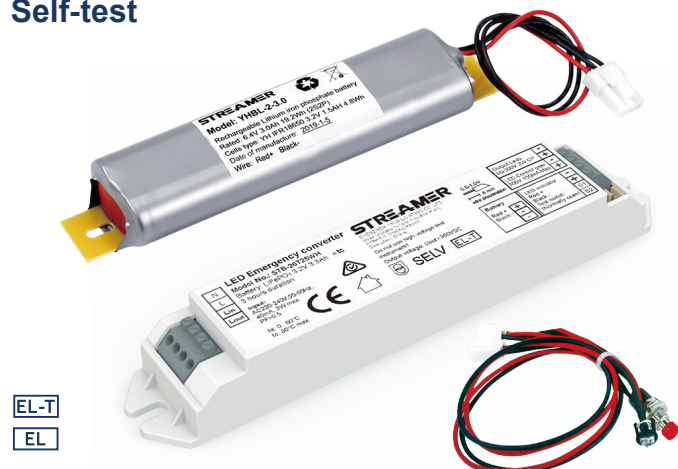
* The full range of YH19B LED emergency drivers are produced with LiFePO4 batteries.
The batteries pack and LED emergency converter are separate of design;
the batteries pack is replaceable, while people need to double check its right models before replacing.

* YH19B is a non-maintenance LED emergency module, which needs to work with a stand alone LED light module as a set.
Then they could be the LED emergency kits for general led luminaires.

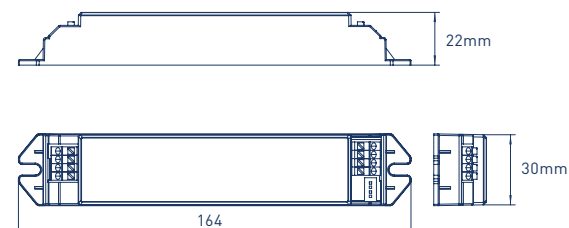


LED Emergency driver / LiFePO4 Battery

Self-test

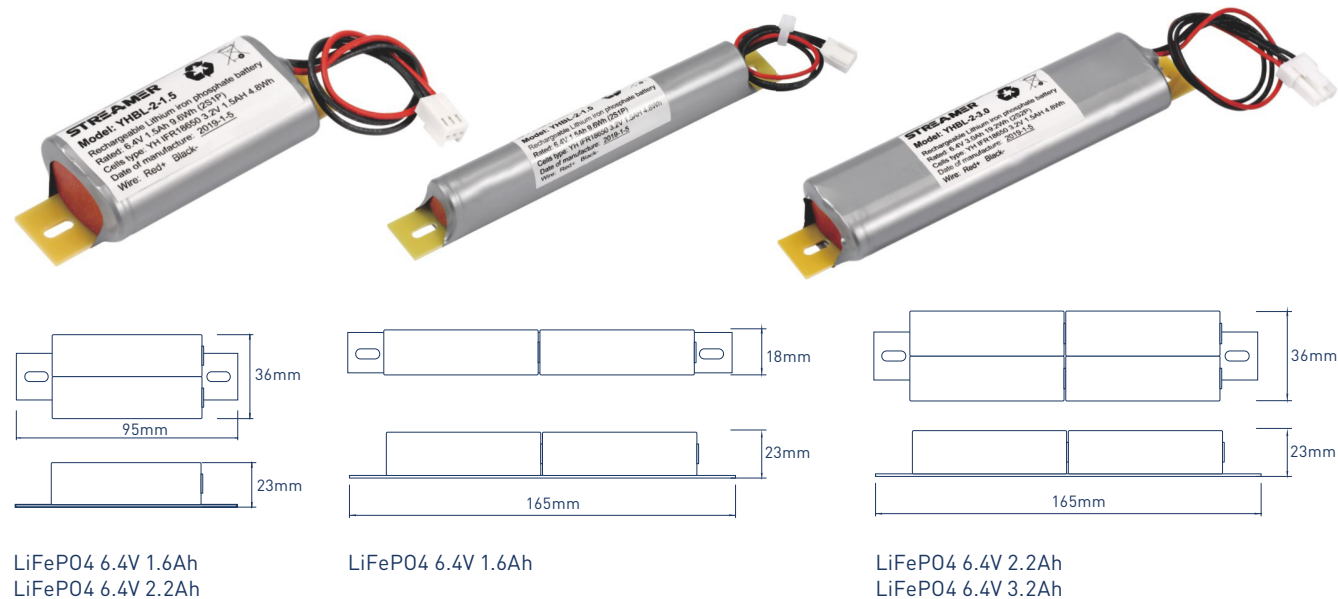


Emergency Converter



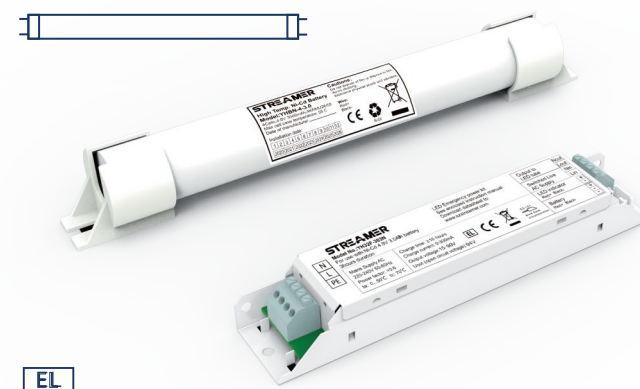
Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
STB-26T03WL-55	220-240Vac 50/60Hz	DC20-55V , 2-2.5WCP	Self-test/Manual test	LiFePO4 3.2V 3.2Ah	> 3hours
STB-26T03WL-300	220-240Vac 50/60Hz	DC50-300, 2-2.5WCP	Self-test/Manual test	LiFePO4 3.2V 3.2Ah	> 3hours
STB-2603WL-55	220-240Vac 50/60Hz	DC20-55V , 2-2.5WCP	Manual test	LiFePO4 3.2V 3.2Ah	> 3hours
STB-2603WL-300	220-240Vac 50/60Hz	DC50-300, 2-2.5WCP	Manual test	LiFePO4 3.2V 3.2Ah	> 3hours
STB-26T05WL-55	220-240Vac 50/60Hz	DC20-55V , 4-4.5WCP	Self-test/Manual test	LiFePO4 6.4V 3.2Ah	> 3hours
STB-26T05WL-300	220-240Vac 50/60Hz	DC50-300, 4-4.5WCP	Self-test/Manual test	LiFePO4 6.4V 3.2Ah	> 3hours
STB-2605WL-55	220-240Vac 50/60Hz	DC20-55V , 2-2.5WCP	Manual test	LiFePO4 6.4V 3.2Ah	> 3hours
STB-2605WL-300	220-240Vac 50/60Hz	DC50-300, 4-4.5WCP	Manual test	LiFePO4 6.4V 3.2Ah	> 3hours

Battery pack



LED Emergency Converter / Ni-Cd Battery

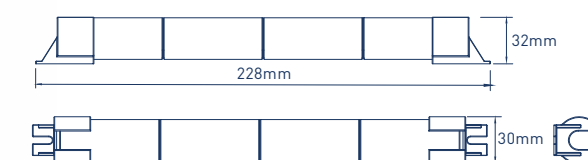
Suits for TYPE B LED tube



Emergency Converter



Ni-Cd 4.8V 3.0Ah

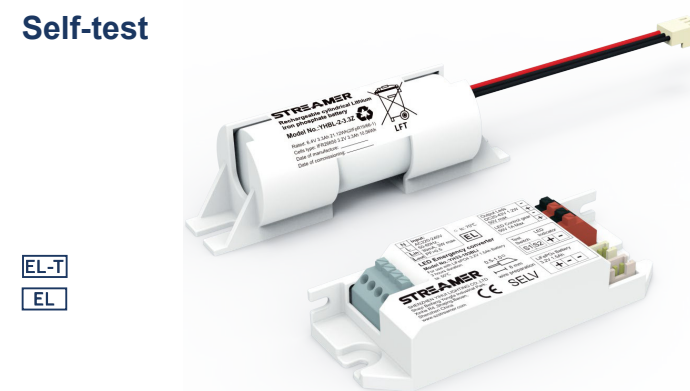


Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
YH32F-303N	220-240Vac 50/60Hz	DC15-90V, 3WCP	Manual test	Ni-Cd 4.8V 3.0Ah	> 3hours

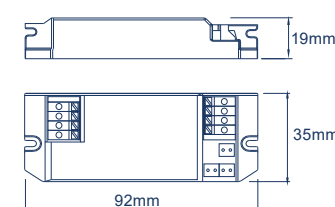


LED Emergency driver/ LiFePO4 Battery

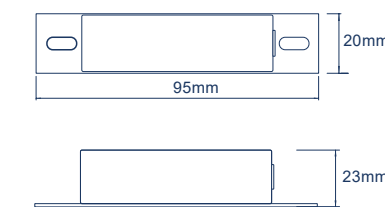
Self-test



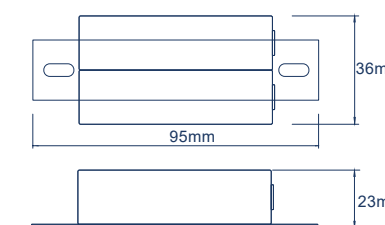
Emergency Converter



Battery pack



LiFePO4 3.2V 1.6Ah



LiFePO4 3.2V 3.2Ah

Model No.	Rated input	Rated output	Test mode	Battery pack	Emergency time
YH33-103WL-150	220-240Vac 50/60Hz	DC20-150V,1WCP	Manual test	LiFePO4 3.2V 1.6Ah	> 3hours
YH33-203WL-150	220-240Vac 50/60Hz	DC20-150V, 2WCP	Manual test	LiFePO4 3.2V 3.2Ah	> 3hours