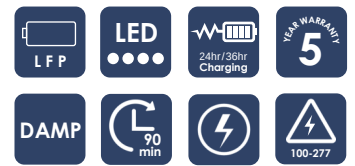


Dynavion LED Emergency Driver

STB65(A) Series 8W 15W 25W 40W



Product Information

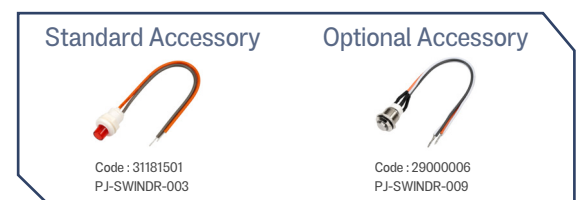
- UL listed for damp location.
- Drives the LED load in emergency mode.
- Supports both pre-installed and on-site retrofit scenarios.
- For Indoor fixture only.
- Not intended for use in luminaires installed in hazardous locations.

Feature

- Integrated emergency kit with driver and battery pack.
- Compact design suitable for narrow installation spaces.
- Equipped with high-capacity, long-life LFP (LiFePO₄) battery pack.
- Includes rest mode for extended storage life.
- Over-Charging/discharging protection.
- Operating ambient temperature: 32°F to 140°F (0°C to +60°C).
- 8-year design life and 5-year limit warranty.

Test Button and LED Indicator

- Integrated test button with LED status indicator.
- Press the test button to conduct emergency mode; Release it return to charging mode.
- Solid red LED indicates normal charging mode.



Rest Mode

Rest mode is designed to extend battery shelf life by minimizing leakage current during long-term storage.

- To activate rest mode, press and hold the test button for more than 3 seconds under emergency mode.
- In rest mode, the battery is fully disconnected from the inverter, significantly reducing leakage current and allowing for longer storage.

Dynavion LED Emergency Driver

Ordering Data

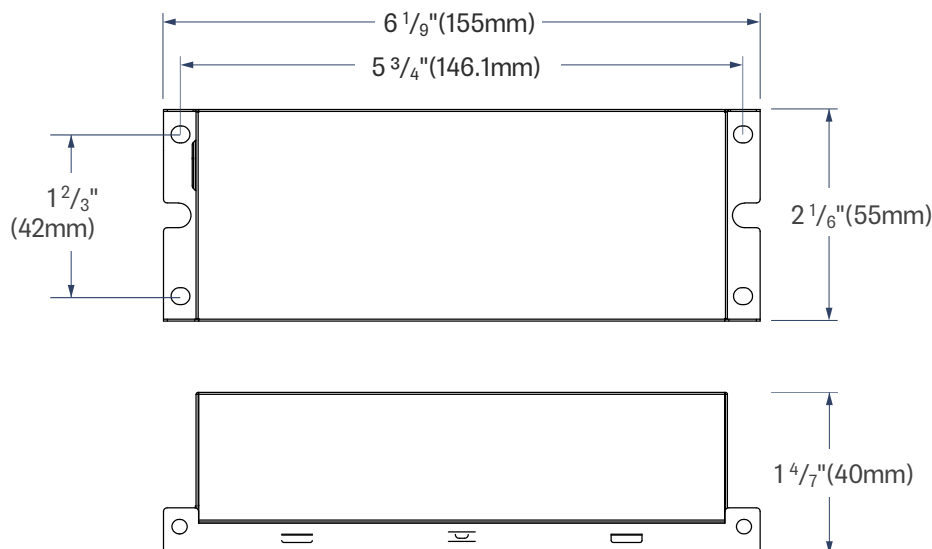
Model No.:	Rated Input	Rated Output	Battery Pack	Duration
STB65-8WL-300	100-347Vac,50/60Hz	DC90-300V 8W c.p	LiFePO ₄ 6.4V 3.3Ah 21.12Wh	>90 minutes
STB65-15WL-300	100-347Vac,50/60Hz	DC90-300V 15W c.p	LiFePO ₄ 12.8V 4.4Ah 56.32Wh	>90 minutes
STB65A-25WL-300	100-277Vac,50/60Hz	DC90-300V 25W c.p	LiFePO ₄ 9.6V 6.0Ah 57.6Wh	>90 minutes
STB65A-40WL-300	100-277Vac,50/60Hz	DC90-300V 40W c.p	LiFePO ₄ 12.8V 6.0Ah 76.8Wh	>90 minutes

Technical Data

Model No.:	Rated Input Power	Input Current	Power Factor	Output Wire L-out N-out (Normal Driver Input)	Startup time	Recharge Time	Compatible Luminaire Power	Ambient Range
STB65-8WL-300	5W max	80mA max	≥0.5 PF	AC 3A Max	<500ms	≥24hours	10-80W	32 to 140°F
STB65-15WL-300	5W max	80mA max	≥0.5 PF	AC 3A Max	<500ms	≥24hours	15-150W	32 to 140°F
STB65A-25WL-300	5W max	80mA max	≥0.5 PF	AC 3A Max	<500ms	≥36hours	25-250W	32 to 140°F
STB65A-40WL-300	5W max	80mA max	≥0.5 PF	AC 3A Max	<500ms	≥36hours	40-400W	32 to 140°F

STB65 Series

8W



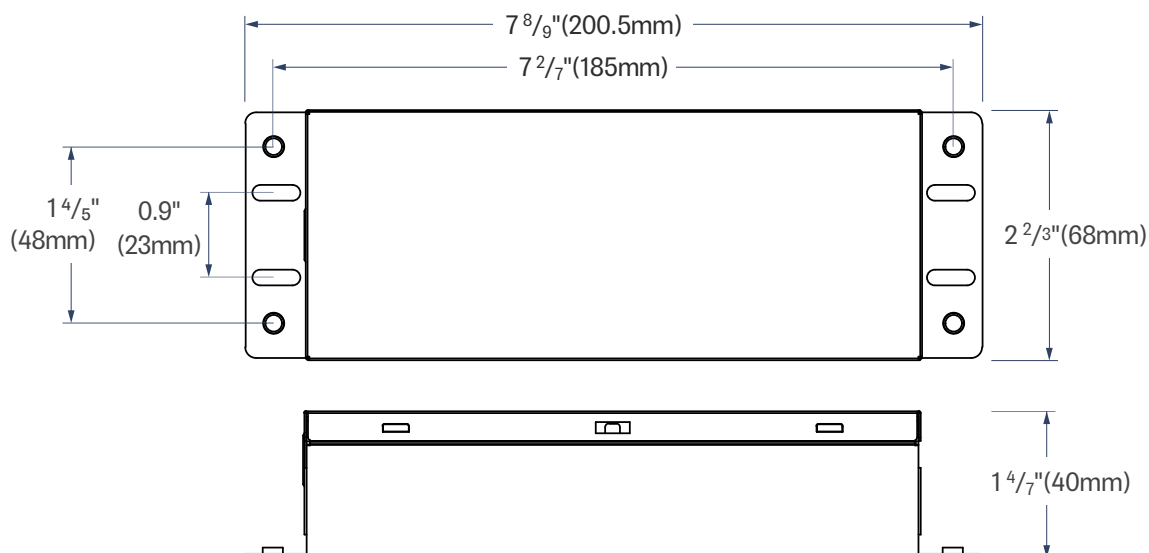
Model No.:	Length	Width	Height	Mounting Spacing	Wire length
STB65-8WL-300	6 1/9" (155mm)	2 1/6" (55mm)	1 4/7" (40mm)	5 3/4" (146.1mm) 1 2/3" (42mm)	11 4/5" (300mm)

Dynavion LED Emergency Driver

STB65(A) Series

15W

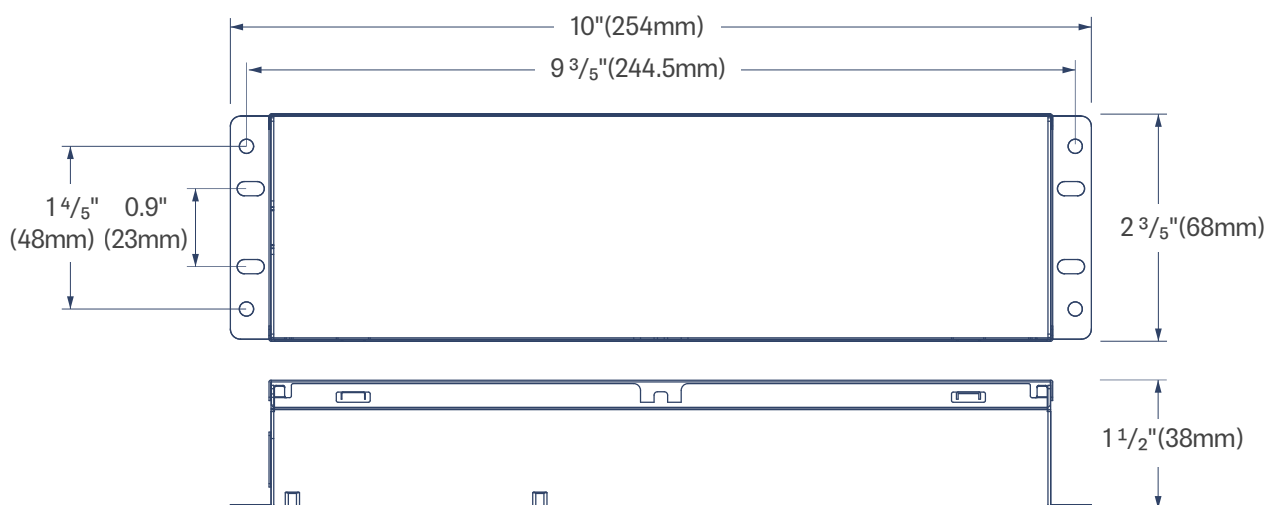
25W



Model No.:	Length	Width	Height	Mounting Spacing	Wire length
STB65-15WL-300 STB65A-25WL-300	7 8/9" (200.5mm)	2 3/5" (68mm)	1 4/7" (40mm)	7 2/7" (185mm) 1 4/5" (48mm)/0.9" (23mm)	11 4/5" (300mm)

STB65A Series

40W



Model No.:	Length	Width	Height	Mounting Spacing	Wire length
STB65A-40WL-300	10" (254mm)	2 3/5" (68mm)	1 1/2" (38mm)	9 3/5" (244.5mm) 1 4/5" (48mm)/0.9" (23mm)	11 4/5" (300mm)

Dynavion LED Emergency Driver

Wiring Diagram

