

Drivion8 LED Emergency Driver

STB41A Series 8W



Product Information

- UL listed for damp locations.
- DC output drives LED module directly.
- Designed for both factory fixture installation and field installation.
- For Indoor fixture only.
- Not intended for use in luminaires installed in hazardous locations.

Feature

- Integrated emergency kit with combined driver and battery pack.
- Compact design suitable for narrow installation spaces.
- Equipped with high-capacity, long-life Li(NiCoMn)O₂ battery.
- Includes rest mode for extended storage life.
- Over-Charging/discharging protection
- Operating ambient temperature: 32°F to 122°F (0°C to +50°C)
- 6-year design life and 5-year limit warranty

Technical Data

Item	STB41A-08WLi-55	STB41A-08WLi-300
Rated Input Power	4W max	4W max
Input Current	50mA max	50mA max
Power Factor	>0.5	>0.5
Lin to Lout(Normal Driver Input)	AC 2A max	AC 2A max
Startup Time	<500ms	<500ms
Recharge Time	≥24hours	≥24hours
Compatible Luminaire Power	8-80W	8-80W

Test Button and LED Indicator

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



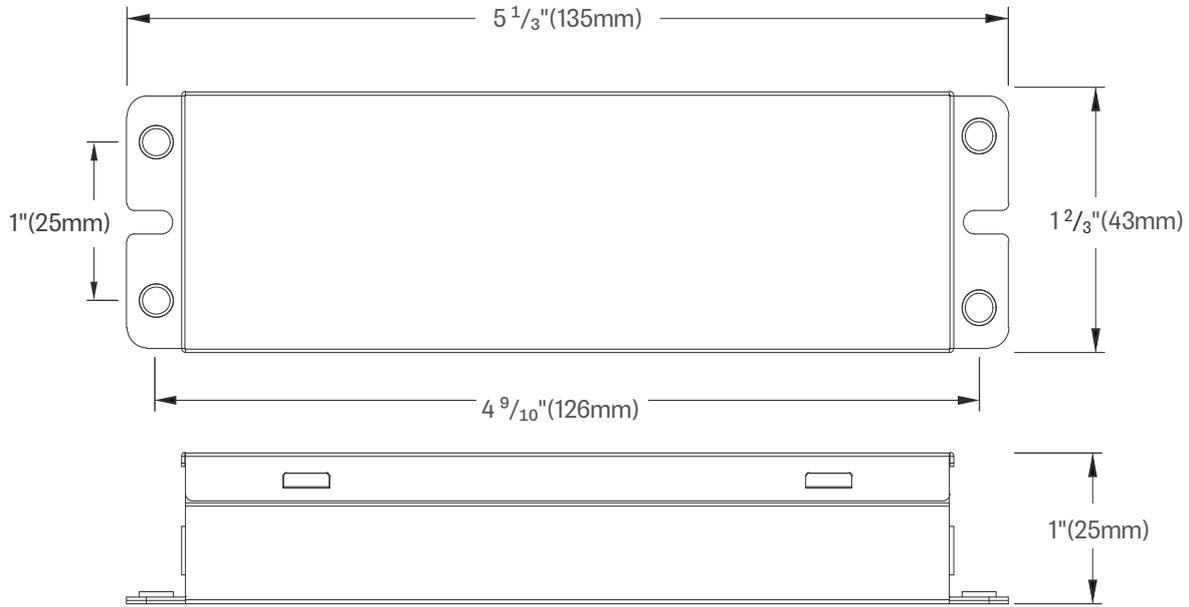
Rest Mode

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.

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Model No.:	Length	Width	Height	Mounting Spacing	Wire Length
STB41A-08WLi-55	5 1/3" (135mm)	1 2/3" (43mm)	1" (25mm)	4 9/10" (126mm)/1" (25mm)	11 4/5" (300mm)
STB41A-08WLi-300	5 1/3" (135mm)	1 2/3" (43mm)	1" (25mm)	4 9/10" (126mm)/1" (25mm)	11 4/5" (300mm)

Ordering Data

Model No.:	Rated Input	Rated Output	Battery Pack	Duration
STB41A-08WLi-55	100-277Vac, 50/60Hz	DC20-55V 6.7W c.p	Li-ion 7.2V 2.6Ah 18.72Wh	>90 minutes
STB41A-08WLi-300	100-277Vac, 50/60Hz	DC90-300V 6.7W c.p	Li-ion 7.2V 2.6Ah 18.72Wh	>90 minutes

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Wiring Diagram

