DayTech LED

5250 Satellite Drive, Unit 7, Mississauga ON L4W 5G5
Tel 905-617-0298
www.daytechled.com

LED DRIVERS · NON-DIMMABLE · HARDWIRED

Non-Dimmable Hardwired Drivers

Constant voltage · 12V / 24V DC · Class 2 (40–96W) and high-output (100–320W, page 2)

CLASS 2 SERIES · 40–96W · INDOOR



FEATURES

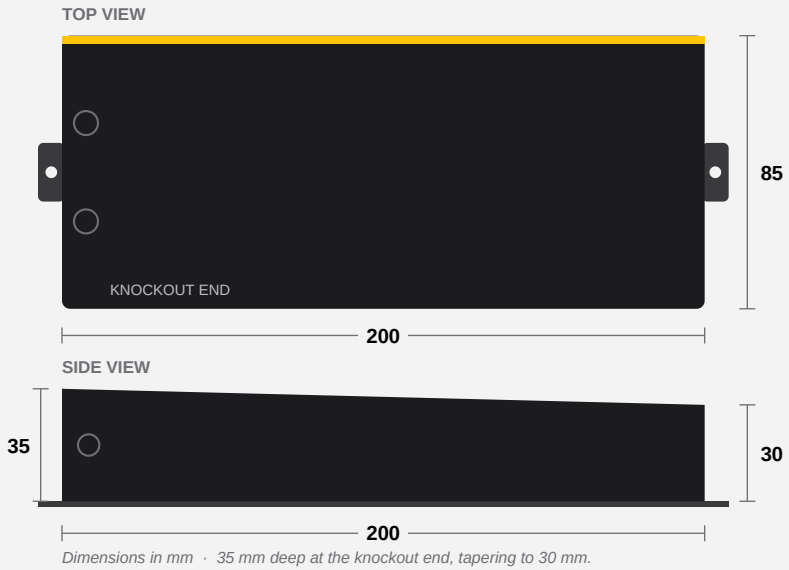
- Class 2 power unit, 12V or 24V constant voltage
- Metal enclosure meets US / Canada electrical code
- No extra junction box or enclosure needed
- High PF and efficiency, low THD, flicker free
- Short-circuit / over-current / overload protection
- For linear lights, signs and indoor LED strip
- ETL / cETL listed · FCC approved · 5-year warranty

CLASS 2 MODELS · SELECT TO ORDER

	PART NUMBER	INPUT	OUTPUT	CURRENT*	POWER	CLASS 2	FREQ.	IP	QTY
☐	**PS-40W-12V-BB**	90–130VAC	12V	3.33 A	40W	Yes	47–63Hz	IP20	
☐	**PS-60W-12V-BB**	90–130VAC	12V	5.0 A	60W	Yes	47–63Hz	IP20	
☐	**PS-40W-24V-BB**	90–130VAC	24V	1.67 A	40W	Yes	47–63Hz	IP20	
☐	**PS-60W-24V-BB**	90–130VAC	24V	2.5 A	60W	Yes	47–63Hz	IP20	
☐	**PS-80W-24V-BB**	90–130VAC	24V	3.33 A	80W	Yes	47–63Hz	IP20	
☐	**PS-96W-24V-BB**	90–130VAC	24V	4.0 A	96W	Yes	47–63Hz	IP20	

** Output current = rated power ÷ output voltage. Standby power ≤ 0.5W @ 115VAC. All models share the same enclosure dimensions.*

DIMENSIONS · ALL CLASS 2 MODELS



Dimensions in mm · 35 mm deep at the knockout end, tapering to 30 mm.

CLASS 2 Output

These drivers are **Class 2** (output limited to 100 VA). Under the Ontario Electrical Safety Code (Section 16), Class 2 output is treated as **low energy**, not a fire or shock hazard, so the 24V tape-side wiring may use Class 2 wiring methods.

The **120V line-side** connection must be done by a **Licensed Electrical Contractor**.

Need over 96W on 1 circuit? See page 2.

Specifications subject to change without notice.

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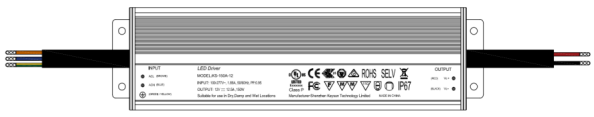
LED DRIVERS · NON-DIMMABLE · HARDWIRED

High-Output Single Channel Drivers · 100–320W

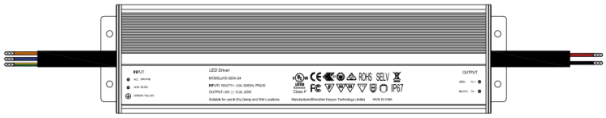
Waterproof constant voltage drivers for long runs and high-load installations. Indoor or outdoor.

NON CLASS 2

Any driver over 96W is NOT a Class 2 power supply. ESA treats their 24V output as a **Class 1 power circuit**, wired to the same Code standard as line-voltage wiring. All installations must be completed by a Licensed Electrical Contractor within **ESA (Electrical Safety Authority)** guidance and the Ontario Electrical Safety Code.



100–150W · 213 × 58 × 36 mm



240–320W · 258 × 68 × 41 mm

HIGH-OUTPUT MODELS · SELECT TO ORDER

	PART NUMBER	DESCRIPTION	OUTPUT	CURRENT	POWER	AC INPUT	QTY
☐	**PS-100W-12V-WP-BB**	Waterproof CV driver, non-dim	12V	8.33 A	100W	1.6 A	
☐	**PS-150W-12V-WP-BB**	Waterproof CV driver, non-dim	12V	12.5 A	150W	1.6 A	
☐	**PS-150W-24V-WP-BB**	Waterproof CV driver, non-dim	24V	6.25 A	150W	1.6 A	
☐	**PS-240W-24V-WP-BB**	Waterproof CV driver, non-dim	24V	10.0 A	240W	3.3 A	
☐	**PS-320W-24V-WP-BB**	Waterproof CV driver, non-dim	24V	13.3 A	320W	3.3 A	

COMMON ELECTRICAL DATA · ALL HIGH-OUTPUT MODELS

INPUT VOLTAGE	100–277VAC	FREQUENCY	47–63Hz
POWER FACTOR	≥ 0.98 @ 115VAC · ≥ 0.9 @ 277VAC	EFFICIENCY	≥ 88–90% @ 115VAC
STANDBY POWER	< 1.0W	PROTECTION	Short circuit, over-current, over-voltage, over-temp.
RATING	IP67 · Class 1 (not Class 2)	WORKING TEMP.	Tcase -40 to +50 °C

ORDER DETAILS

PO #

PROJECT

Tick models above and enter quantities.

HOW ESA TREATS NON-CLASS 2 (OVER 96W) DRIVERS

- **Not power-limited.** A Class 2 supply is capped at 100 VA, so its output is not considered a fire or shock hazard. Over that limit, the 24V output is a **Class 1 extra-low-voltage power circuit** (OESC Section 16).
- **Wired like power wiring.** Low voltage does not mean Class 2 rules apply: use Code-approved wiring methods and conductors sized for the load, make splices in approved boxes, and provide overcurrent protection.
- **Keep circuits separate.** Do not run Class 1 output wiring with Class 2 conductors.
- **Permit + LEC.** Installation requires an ESA Notification of Work (permit) and inspection; work for hire must be done by a Licensed Electrical Contractor.

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