24V 35W Driver

SPECIFICATION SHEET

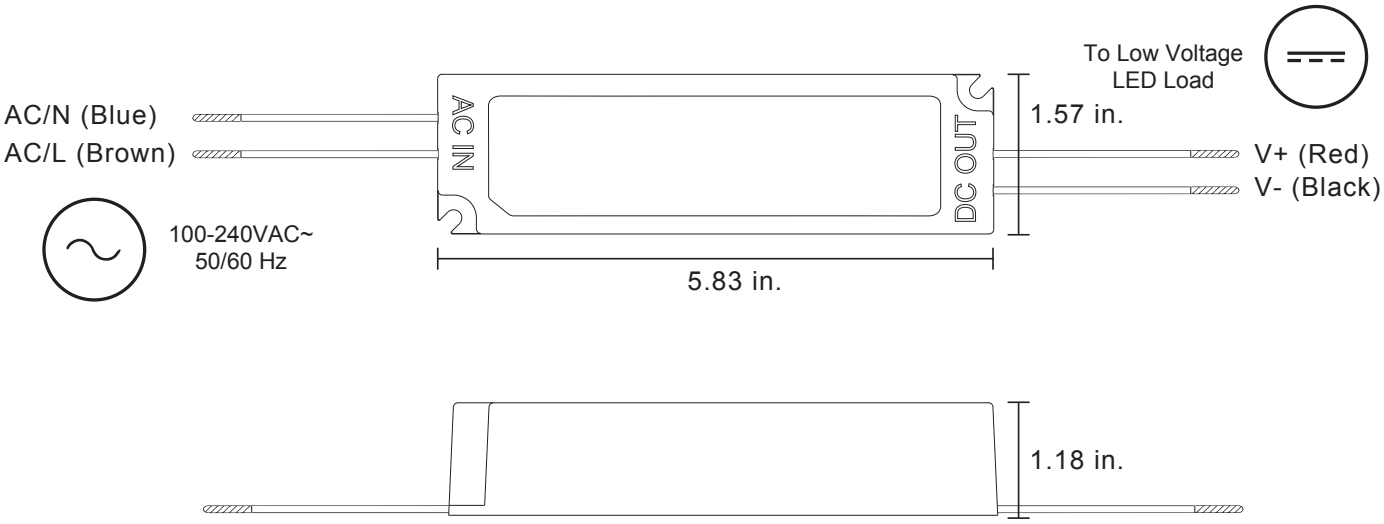
- UL Class 2 power supply
- Class II power unit, no FG
- Constant voltage output
- Universal AC input / full range
- Protections: short circuit / overload / over voltage
- IP 67 rating - indoor/outdoor wet locations
- Cooling by free air convection

Specifications

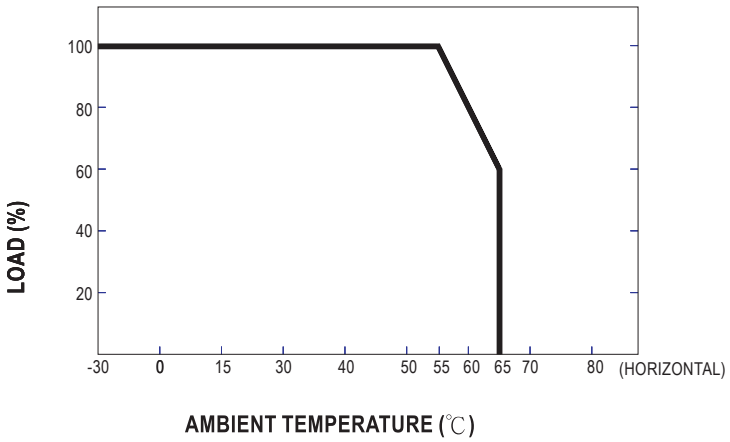
Input	**Voltage [1]**	100 - 240VAC
	Current	1.1A (115VAC), 0.7A (230VAC)
	Frequency	47 ~ 63Hz
	Efficiency	85.0%
	Wire or Terminal Connection	18 AWG wire leads, no framed ground connection
Output	**Voltage**	24VDC
	Current	0 ~1.5A
	Power (wattage)	36W (refer to “Derating Curve”)
	Wire or Terminal Connection	16 AWG wire leads
	# Output Connections [2]	1
Environment	**Ripple & Noise (max)**	150mVp-p
	Operating Temp. [3]	-22 ~ +149°F (-30 ~ +65°C)
	Operating Humidity	20 ~ 90% RH non-condensing
	IP Rating / Location	IP 67 / Suitable for dry and wet location environments
Additional Information	**Class 2 Compliance**	Yes
	Safety Standards	UL 1310; UL # E307078; CE
	Housing / Cooling	Isolated plastic case / free air convection
	Dimmability [4]	May be paired with a compatible low voltage PWM dimmer/controller installed between the secondary output of driver and load (LED lighting)
	Dimensions	5.83" x 1.57" x 1.18" (L x W x H)
	Weight	12 oz.
	Warranty	Two (2) years

Note [1] Refer to the “Static Characteristics Curve” if installing under low input voltage conditions to properly derate the power supply load.
Note [2] See Dimmable field. No more than a single low voltage PWM dimmer/controller can be attached to each driver output.
Note [3] Refer to the “Derating Curve” if nearing max. ambient temperature to properly derate the power supply load. It is recommended to provide adequate airflow in regards to the installation/application of this product. Improper thermal management may lead to premature failure.
Note [4] Not compatible with 120VAC dimming controls.

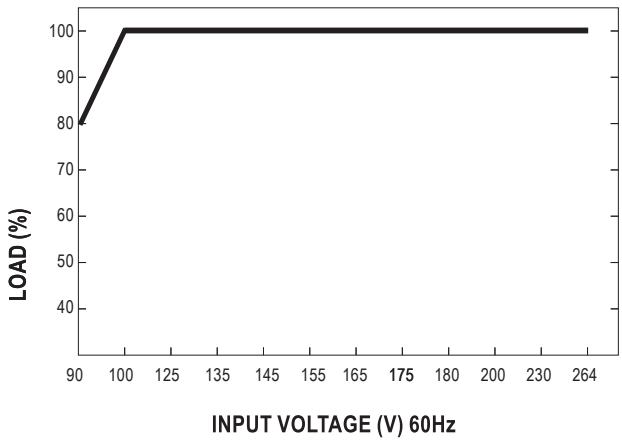
Mechanical Specifications



Derating Curve



Static Characteristics Curve



Safety & Warnings

- Turn power OFF at main breaker before servicing or installing this product.
- This product is intended to be installed and serviced by a qualified, licensed electrician.
- Install in accordance with the National Electric Code, and local regulations.
- Proper heat dissipation will prolong the working lifespan of this product. Install in a well-ventilated area free from explosive gases and vapors.
- Drivers are rated for maximum power output at optimum thermal and voltage conditions. Please refer to the driver specifications for maximum load ratings.
- Ensure a compatible LED fixture with the correct operating voltage is installed with this product.
- Ensure proper gauge wire is installed. When choosing wire, factor in voltage drop and amperage rating. Improper wire gauge installation may overheat wires, leading to electric shock or fire.