96W 24V Class 2 Constant Voltage Driver

Model : MD-024-096VWJV2

HUEDA LED
www.huedaled.com

24V DC | 96W | c UL us LISTED | FC | SELV | 6 Years Limited Manufacturer Warranty

FEATURES

- Constant Voltage Output
- Universal AC input: 100~277VAC
- Power Factor > 0.98
- High efficiency > 86%
- Protection : Short circuit / Over Loading / Over temperature
- Suitable for use in dry, damp and wet indoor/outdoor locations
- Easy installation
- Free Air convection cooling
- Full protection aluminum housing
- cULus listed
- Suitable for LED lighting and sign lighting applications
- 8 knockouts for easy wiring



SPECIFICATIONS

Output	DC Voltage	24V
	Voltage Tolerance	±0.5V
	Rated Current	4.0A
	Rated Power	96W
Input	Voltage Range	100~277VAC
	Frequency Range	47~63Hz
	Power Factor (Typ.)	PF ≥ 0.98/120V, PF ≥ 0.95/277V
	Efficiency (Typ.)	83% @ 120VAC, 86% @ 277VAC
	AC Current (Typ.)	1.3A @ 100VAC
	Leakage Current	< 0.50mA
	Inrush Current	20A. 50%, 1.6ms
	THD	<20%
Protection	Over Temp.	100°C±10°C shut down o/p voltage, recovers automatically after cooling
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
	Over Loading	≤ 120% constant current limiting, auto-recovery
Environment	Working Temp.	-40°C ~ 60°C (-40°F ~ 140°F)
	Working Humidity	20~90 % RH, non-condensing
	Storage Temp. Humidity	-40°C ~ 80°C, 10~95 % RH
	Temp. Coefficient	±0.03% / °C (0°~50°C)
	Vibration	10~500Hz, 5G 10min/1 cycle, period for 60min each along X, Y, Z axes
Safety & EMC	Safety standards	UL8750 CAN/CSA-C22.2 NO.250.13
	Withstand voltage	I/P-O/P:3.75KVAC
	Isolation Resistance	I/P-O/P: 100MΩ/500VDC/25°C/70%RH
	EMC EMISSION	FCC Part 15 B
Other	Net. Weight	1.3Kg (2.86lbs)
	Size	220L x 95W x 41H mm (8.66" x 3.7" x 1.61")

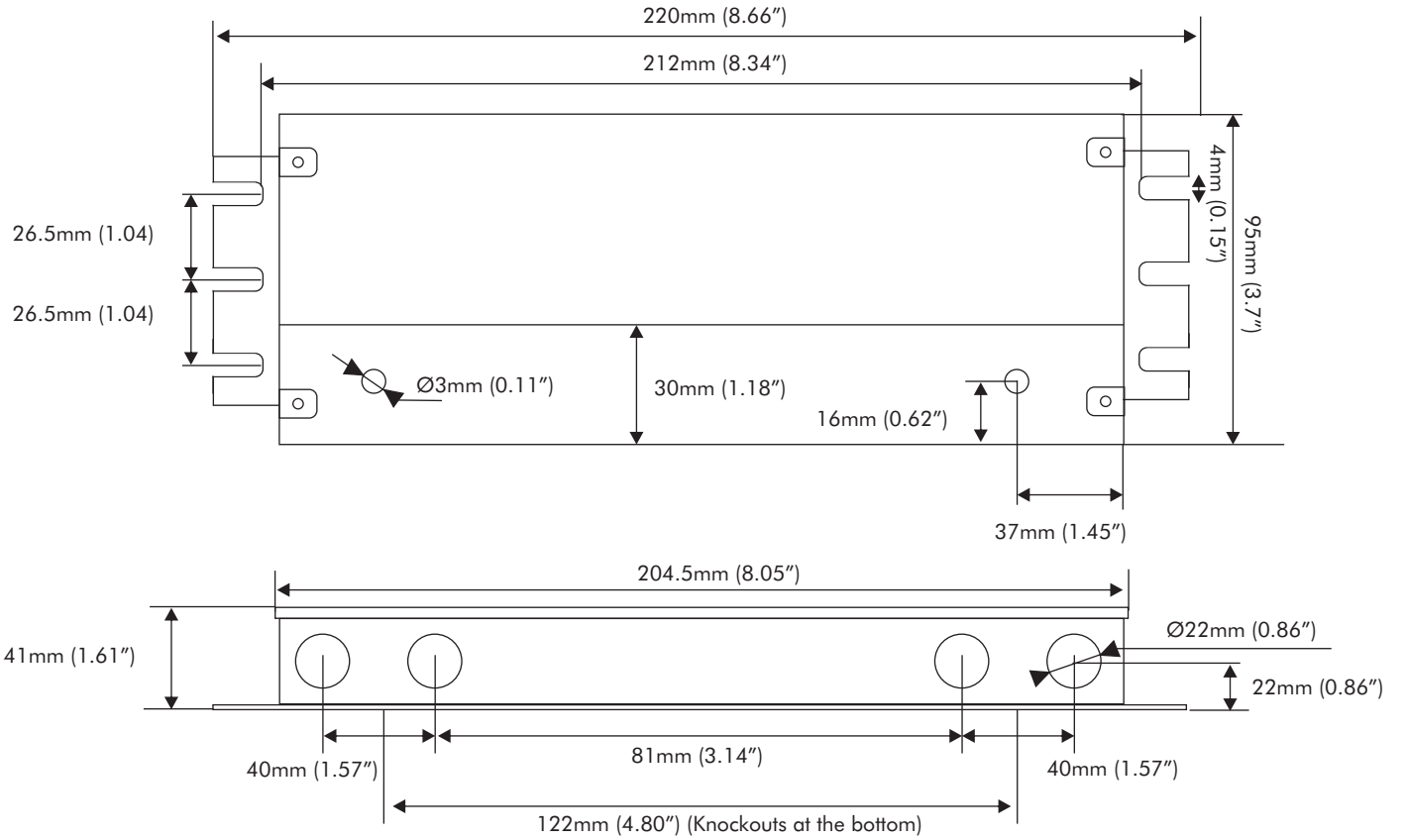
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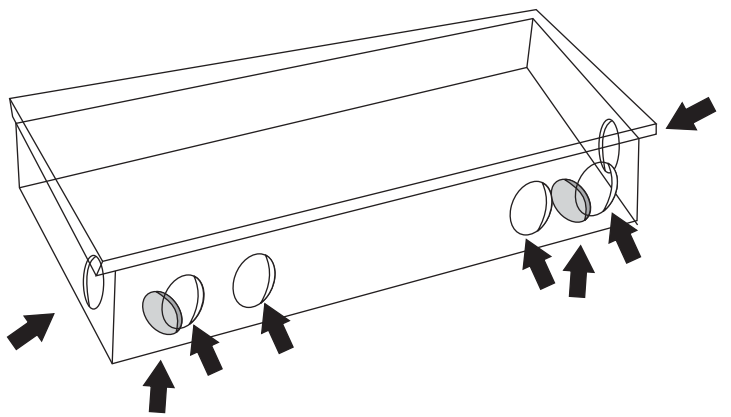
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PRODUCT DIMENSION



KNOCKOUTS



WARNING

- Check polarity
- Risk of Electric Shock. Indoor use only. Suitable for dry and damp locations.
- Risk of Fire. Installation involves special wiring methods to run wiring through a building structure. Consult a qualified electrician.
- Risk of Electric Shock. Mount the unit at a height more than 1 ft (30cm) from the ground

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