60W 12V Class 2 Constant Voltage Driver

Model : MD-012-060VWJV2

HUEDA LED
www.huedaled.com

12V DC | 60W | c UL us LISTED | FC | SELV | 6 Years Limited Manufacturer Warranty

FEATURES

- Constant Voltage Output
- Universal AC input: 100~277VAC
- Power Factor > 0.99
- High efficiency > 88%
- 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	12V
	Voltage Tolerance	±0.5V
	Rated Current	5.0A
	Rated Power	60W
Input	Voltage Range	100~277VAC
	Frequency Range	47~63Hz
	Power Factor (Typ.)	PF ≥ 0.99/120V, PF ≥ 0.94/277V
	Efficiency (Typ.)	83% @ 120VAC, 85% @ 277VAC
	AC Current (Typ.)	0.9A @ 100VAC
	Leakage Current	< 0.50mA
	Inrush Current	20A. 50%, 1.6ms
	THD	<15% @ 120V, <20% @ 277V
Protection	Short Circuit	shut down o/p voltage, recovers automatically after cooling
	Over Loading	≤ 120% Hiccup mode, recovers automatically after fault condition is removed
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+UL1310
	Withstand voltage	I/P-O/P:1.88KVAC
	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	188L x 92W x 40H mm (7.40" x 3.62" x 1.57")

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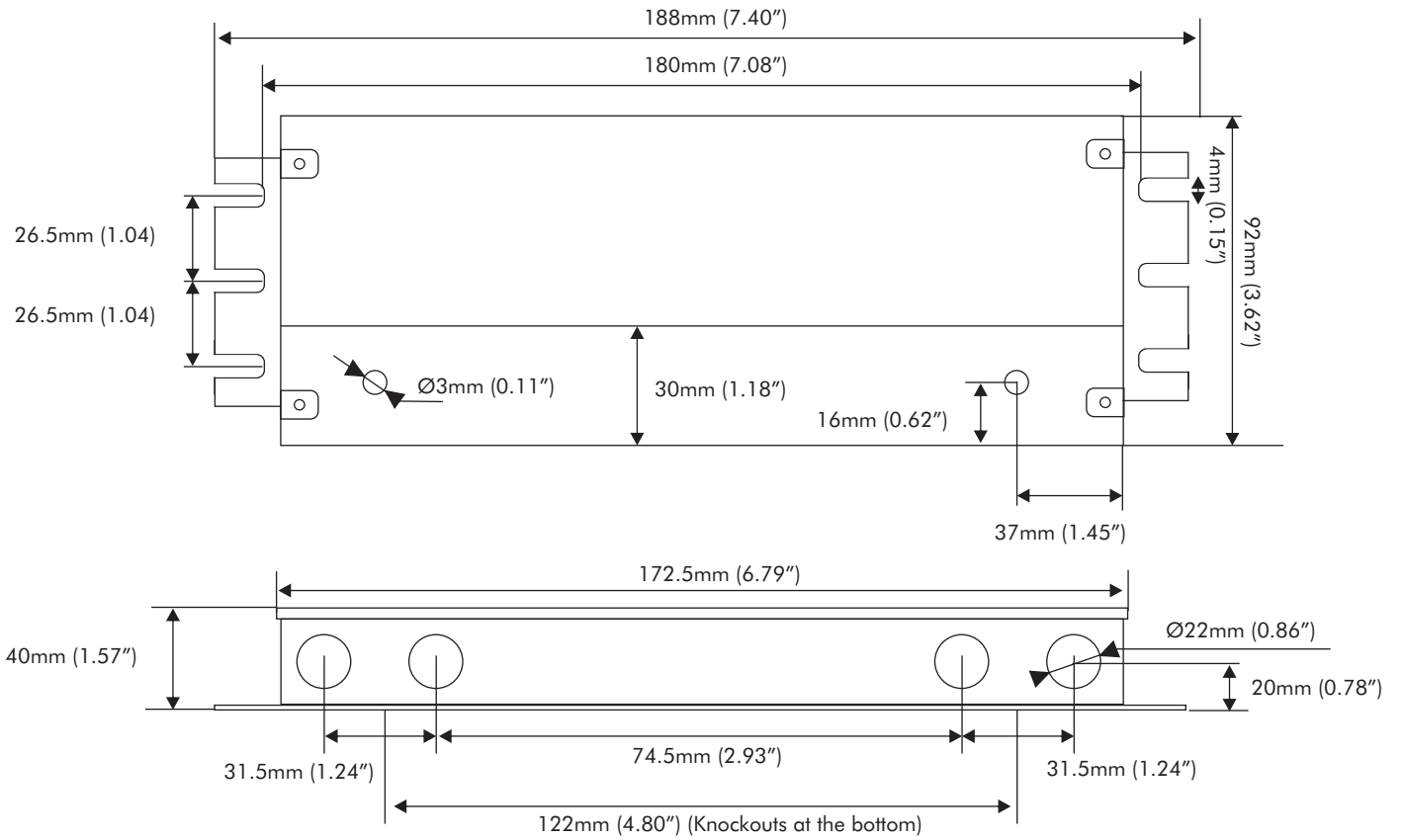
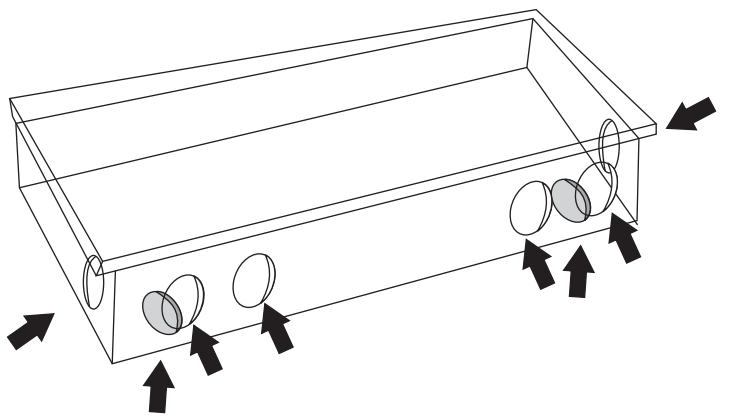
PRODUCT DIMENSION



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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