

**60W 12V DRY/DAMP POWER SUPPLY**

The 60W 12V Constant Voltage LED power supply features a wide input voltage range. It is a high-efficiency Class 2 power supply for use in dry and damp locations.

- Constant voltage LED power supply
- Wide voltage input range (100 - 277 VAC)
- Provides constant 12 VDC output
- Low power loss/high efficiency
- Overvoltage, short circuit, overtemperature and overcurrent protections
- White metal casing
- IP65 for dry and damp locations
- 5-year warranty



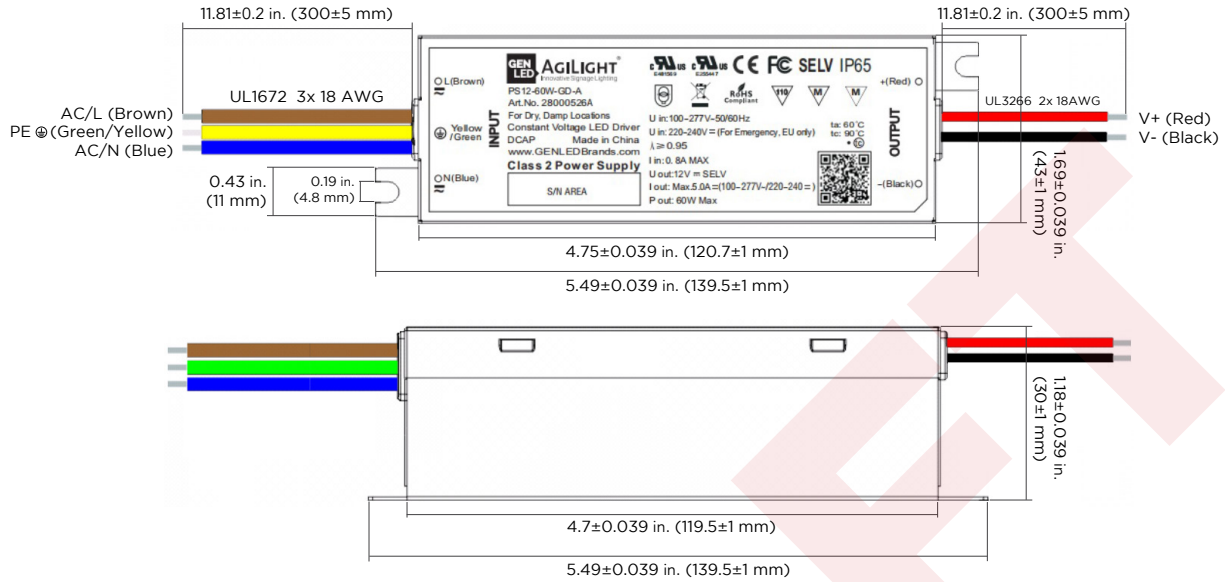
**PRODUCT INFORMATION**

<b>Type</b>	PS12-60W-GD-A	<b>IP Rating</b>	IP65 (dry/damp locations)
<b>Article Number</b>	28000526A	<b>Total Harmonic Distortion</b>	< 20% @ full load
<b>Rated Output Voltage</b>	12 VDC @ full load	<b>Overcurrent Protection</b>	Yes
<b>Rated Output Power</b>	60 W	<b>Short Circuit Protection</b>	Yes
<b>Output Voltage Accuracy</b>	±3%	<b>Overvoltage Protection</b>	Yes
<b>Output Ripple &amp; Noise</b>	150 mV	<b>Overtemperature Protection</b>	Yes @ Tc 95 °C
<b>Line Regulation</b>	±1%	<b>Working Temperature</b>	-40 - 140 °F (-40 - 60 °C)
<b>Load Regulation</b>	±5%	<b>Storage Temperature</b>	-40 - 185 °F (-40 - 85 °C)
<b>Start Time</b>	Cold start ≤ 1000 mS	<b>Dimensions (LxWxH)</b>	5.49x1.69x1.18 in. 139.5x43x30 mm
<b>Input Voltage Range</b>	90 - 305 VAC	<b>Weight</b>	0.66 lb (0.3 kg)
<b>Rated Input Voltage Range</b>	100 - 277 VAC	<b>Safety</b>	<b>Safety Standards</b>
<b>Input Frequency Range</b>	50/60 Hz	<b>UL / cUL</b>	UL879, UL8750, UL1310,
<b>Input Current</b>	0.8 A Max.	<b>Country/Region</b>	FCC Part 15 Class B, EN55015:2019, EN61547:2023, EN61000-3-2:2019, EN61000-3-3:2013, EN61000-4-2:2009, EN61000-4-3:2010, EN61000-4-4:2012, EN61000-4-5:2014, EN61000-4-6:2013, EN61000-4-8:2010, EN61000-4-11:2020, IEC61347-1:2015, IEC61347-2-13:2014
<b>Inrush Current (cold start)</b>	≤ 50 A	<b>USA &amp; Canada</b>	
<b>Leakage Current</b>	< 0.75 mA	<b>Europe</b>	
<b>Efficiency</b>	≥ 84% @ 115 VAC ≥ 86% @ 230 VAC ≥ 86% @ 277 VAC		
<b>PF</b>	≥ 0.95 @ 100 - 277 VAC		

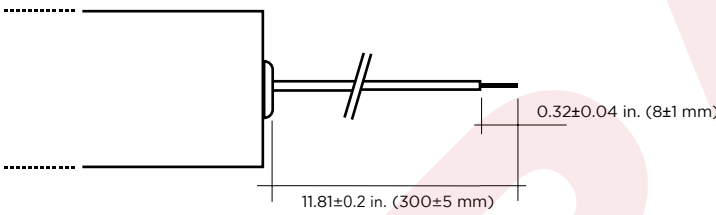
**SHIPPING INFORMATION**

Product	Specs	Packaging Quantity		Case Weight	SKU Dimensions			Case Dimensions			
		Per SKU	Per Case		W	D	H	W	D	H	
PS12-60W-GD-A	# of Units	1	40	28.66 lb 13 kg	6.69	1.97	1.57	14.17	10.63	7.09	inch
					170	50	40	360	270	180	mm

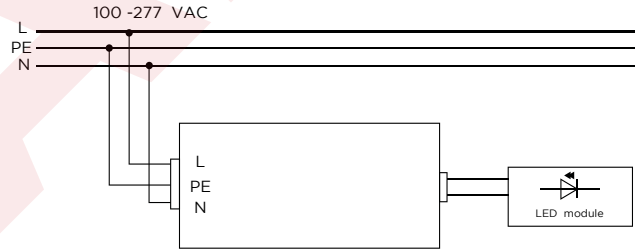
**DIMENSION DRAWINGS**



**CONNECTION**



**WIRING DIAGRAM**



**DRIVER REMOTE DISTANCES**

Wattages	PS12-60W-GD-A	
	Feet	Meters
24 AWG / 0.20 mm <sup>2</sup>	2.48	0.758
22 AWG / 0.33 mm <sup>2</sup>	4.21	1.282
20 AWG / 0.52 mm <sup>2</sup>	6.43	1.961
18 AWG / 0.82 mm <sup>2</sup>	10.41	3.175
16 AWG / 1.31 mm <sup>2</sup>	16.82	5.128
14 AWG / 2.08 mm <sup>2</sup>	26.67	8.130
12 AWG / 3.31 mm <sup>2</sup>	42.05	12.821
10 AWG / 5.26 mm <sup>2</sup>	66.26	20.202
8 AWG / 8.37 mm <sup>2</sup>	104.13	31.746

NOTE: Calculations include a standard 10% buffer

Primary Cable			Secondary Cable	
L	N	PE	+	-
brown	blue	green/yellow	red	black

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