

96W 24V DRY/DAMP POWER SUPPLY

The 96W 24V 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 24 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

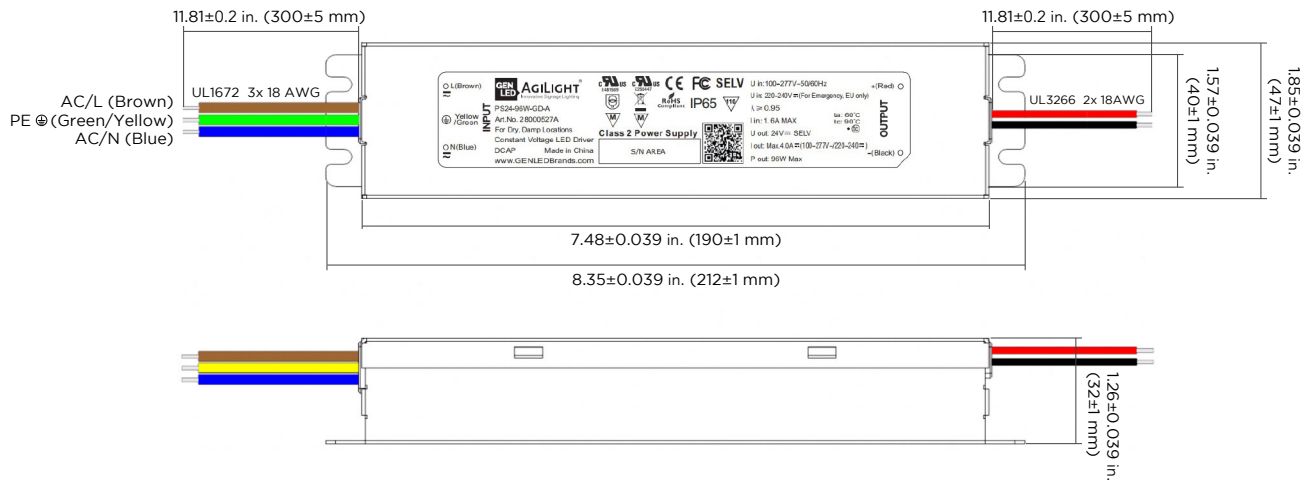
Type	PS24-96W-GD-A	PF	≥ 0.95 @ 100 - 277 VAC
Article Number	28000527A	IP Rating	IP65 (dry/damp locations)
Rated Output Current	4 A	Total Harmonic Distortion	< 20% @ full load
Rated Output Voltage	24 VDC @ full load	Overcurrent Protection	Yes
Rated Output Power	96 W	Short Circuit Protection	Yes
Output Voltage Accuracy	±3%	Overvoltage Protection	Yes
Output Ripple & Noise	250 mV	Overtemperature Protection	Yes @ Tc 95 °C
Line Regulation	±1%	Working Temperature	-40 - 140 °F (-40 - 60 °C)
Load Regulation	±5%	Storage Temperature	-40 - 185 °F (-40 - 85 °C)
Start Time	Cold start ≤ 1000 mS	Dimensions (LxWxH)	8.35x1.85x1.26 in. 212x47x32 mm
Input Voltage Range	90 - 305 VAC	Weight	1.1 lb (0.5 kg)
Rated Input Voltage Range	100 - 277 VAC		
Input Frequency Range	50/60 Hz		
Input Current	1.6 A Max.		
Inrush Current (cold start)	≤ 60 A		
Leakage Current	< 0.75 mA		
Efficiency	≥ 88% @ 115 VAC ≥ 92% @ 230 VAC ≥ 92% @ 277 VAC		

SHIPPING INFORMATION

Product	Specs	Packaging Quantity		Case Weight	SKU Dimensions			Case Dimensions			
		Per SKU	Per Case		W	D	H	W	D	H	
PS24-96W-GD-A	# of Units	1	24	26.46 lb	9.84	2.17	1.57	18.11	10.63	5.51	inch
				12 kg	250	55	40	460	270	140	mm

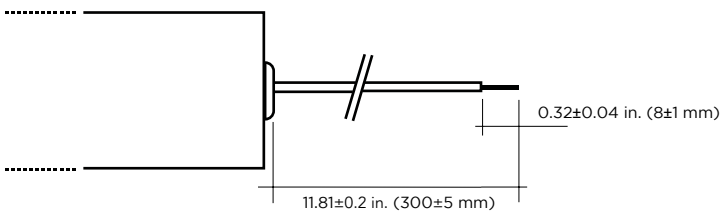


DIMENSION DRAWINGS

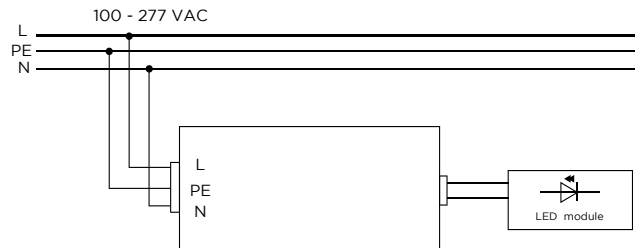


NOTE: To prevent exposure to the maximum allowable temperatures for these drivers, the suggested installation spacing between drivers is at least 4 in. (101.6 mm) side-to-side when the distance to the sidewall and top of the enclosure is 2 in. (50.8 mm). When the distance to the sidewall and top of the enclosure is 6 in. (152.4 mm), maintain at least 2 in. (50.8 mm) side-to-side spacing between drivers. Drivers should be placed at a minimum of 1 in. (25.4 mm) apart when arranging them end-to-end regardless of the enclosure size.

CONNECTION



WIRING DIAGRAM



DRIVER REMOTE DISTANCES		
Wattages	PS24-96W-GD-A	
Wire Gauge	Feet	Meters
24 AWG / 0.20 mm ²	2.48	0.758
22 AWG / 0.33 mm ²	4.21	1.282
20 AWG / 0.52 mm ²	6.43	1.961
18 AWG / 0.82 mm ²	10.41	3.175
16 AWG / 1.31 mm ²	16.82	5.128
14 AWG / 2.08 mm ²	26.67	8.130
12 AWG / 3.31 mm ²	42.05	12.821
10 AWG / 5.26 mm ²	66.26	20.202
8 AWG / 8.37 mm ²	104.13	31.746

NOTE: Calculations include a standard 10% buffer

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

GLOBAL HQ

320 Murray Hill Pkwy
East Rutherford, NJ 07073
U.S.
T: (+1) 212 629 6830
E: Sales-US@GENLEDBrands.com

EUROPEAN HQ

Hogeweyselaan 119
1382 JK Weesp
Netherlands
T: (+31) 346 235 000
E: SalesEurope@GENLEDBrands.com

MEINA HQ

PO Box 371378, #823, Building 4EA
Dubai Airport Free Zone
Dubai, UAE
T: (+971) 4 701 7901
E: SalesMEINA@genledbrands.com

ASIA-PACIFIC HQ

Room 402, Building D
Shenxi Tongchuang Science and Technology Park
No. 16 Hongyin Road
Xingqiang Community, Xinhua Street
Guangming District, Shenzhen, China 518107
T: (+86) 755 8529 0710
E: Sales-Pacific@GENLEDBrands.com