



Alpha Slimline series

ASU2-100-24U, 24V-100W Class 2 Power Supply

Signage & Lighting LED Drivers.



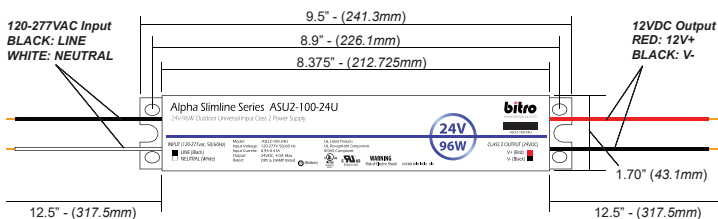
features

- Single channel 96W, 24V DC Output, Class 2 UL
- 120-277VAC 50/60HZ True Universal Input
- Compact and Slim Design to fit in raceways and cabinets
- Pig-tail to Pig-tail leads
- Dry and damp Listed
- Power factor of 0.95 at maximum load
- Over-Current, Over Temp, Over Voltage, & Short Circuit Protection Features
- UL Recognized under Sign Accessories
- 5-year Warranty

installation

- This unit is intended for installation inside an electrical enclosure.
- Class 2 wiring per NEC Article 725 is required.

dimension



overview

Bitro's 2nd Generation of Alpha Slimline Series (ASU2 Series) power supplies are designed for LED lighting in signage and architectural applications. Bitro ASU2 power supplies are compact, durably constructed, and weather proofed for use in demanding environments. True universal input voltage, consistent DC output, high power factor, and a 5-year warranty makes Bitro's ASU2 series power supplies a unique choice for reliable everyday power source for LED lighting.

ASU2 Series power supplies are manufactured for availability and quick lead time.

specifications

Model # / SKU	ASU2-100-24U
Description	24V-96W LED Power Supply
Input Voltage	120-277VAC
Input Current, Max (A)	0.95A/120V 0.40A/277V
Input Frequency (Hz)	50-60Hz
Efficiency	>85%
Output Voltage (V)	24VDC \pm 3%
Output Current Range (A)	4.0 Amp Max
Output Power Max (W)	96 Watts
Protection	Over Voltage, Over Current, Over Temp, and Short Circuit
EMI and RFI	Meets FCC Part 15 (Class A)
Load Regulation	\pm 3%
Operating Temperature*	-40°F to 131°F (-40°C to 55°C)
Storage temperature	-40°F to 185°F (-40°C to 85°C)

Enclosure Dimensions

Length	9.50" (241.3mm)
Width	1.70" (43.1mm)
Height	1.00" (25.4mm)
Mounting Length	9.0" (229mm)
Weight	1.08 lbs

Lead Lengths

Input Leads Black, White	12.5" (317.5mm) 18 AWG, Solid, 105°/600V
Output Leads Red, Black	12.5" (317.5mm) 18 AWG, Solid, 105°/600V



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