

## 12 Volt 60 Watt Class 2 LED Driver

- Universal input voltage 120 – 277 Vac
- Damp and Dry Location Rated
- 60W Class 2 Output



### Performance

Input Voltage	120 ~ 277 Vac
Input Current Max	0.58A @ 120Vac 0.26A @ 277Vac
Input Power Max	69W
Input Frequency	50 - 60 (Hz)
Power Factor	> 0.90 @ max load
THD Max	< 10% @ max load
Efficiency @ Full Load	> 86% @120Vac > 87% @277Vac
Output Voltage	12V
Output Current	5.0A
Output Power	60W
Load Regulation	±10 %
Output Voltage Ripple	< 1000mVp-p
Output Current Ripple	< 500mA p-p
Inrush Current	120V: 19A / 318uS
Peak / >50% Duration	277V: 47A / 306uS

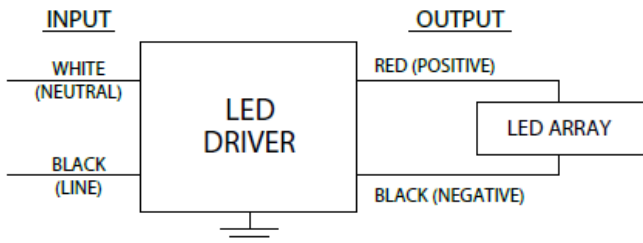
### Physical

Length	9.50 in (241.3 mm)
Width	1.71 in (43.4 mm)
Height	1.18 in (30.0 mm)
Mounting Length	8.90 in (226.1 mm)
Weight (lbs)	1.7
Lead Lengths	
Blk, Wht	12.5 in (317 mm)
Red(+), Black(-)	12.5 in (317 mm)

### Environmental

EMI and RFI	Meets FCC part 15 (Class A) Non-Consumer Limits
Operating Temperature	-40°C to 57°C (-40°F to 134°F)
Storage Temperature	-40°C to 80°C (-40°F to 176°F)
tc	80°C (176°F) max
Protection Rating	UL Dry & Damp
Transient Protection	IEEE C62.41 2.5kV

### Wiring Diagram:



### Protection:

Over Voltage, Under Voltage, Short Circuit, Over Temp

### Safety:

UL 8750 & CSA 250.13-17

UL Class P



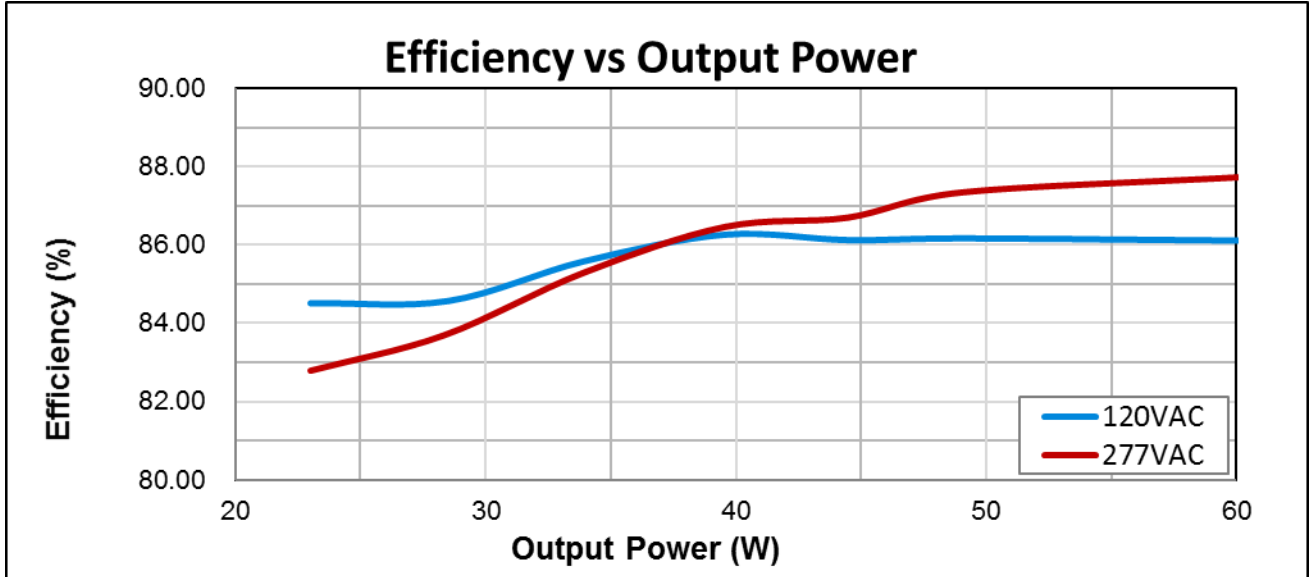
### Ordering Information

Order Number	Description	Qty/Carton
L12V60UNV-A000I	12V 5.0A	1
L12V60UNV-A000C	12V 5.0A	10

Application and operation performance specification information subject to change without notification.

## Performance: Efficiency

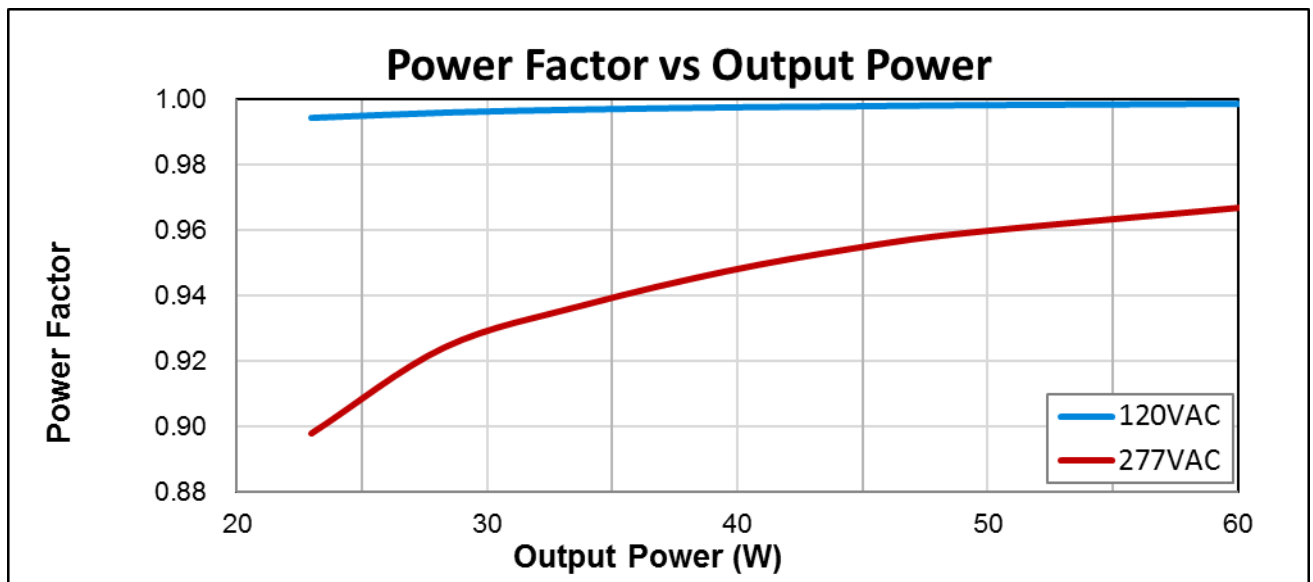
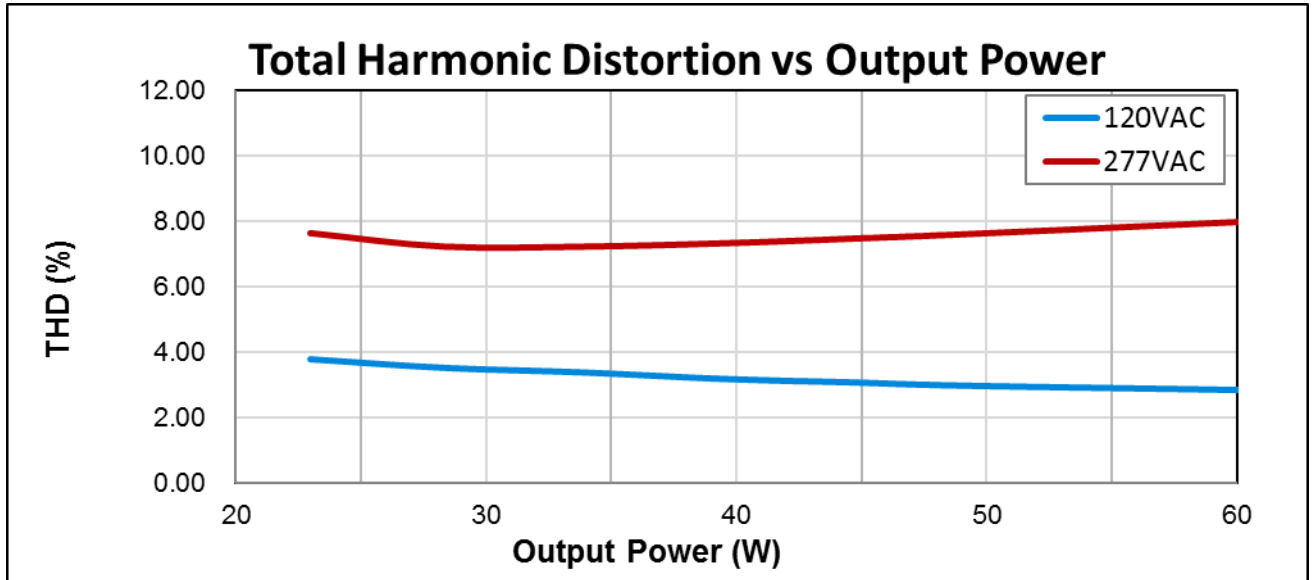
Typical performance measurements are shown. The charts are to be used as a guideline and not for specification use.



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## Performance: Total Harmonic Distortion, & Power Factor

Typical performance measurements are shown. The charts are to be used as a guideline and not for specification use.



Output power based on maximum rated output current and varying load voltages.

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