

## Features

- High Efficiency (Up to 87%)
- Active Power Factor Correction (Typical 0.98)
- For use in Class 2 lighting systems.
- Constant Output Current
- Complies with UL8750 & EN61347 Safety Regulations
- Sound Rated: Class A
- Operating Temperature: -30°C~55°C
- Storage Temperature: -40°C~55°C
- Complies with ANSI/IEEE C62.41, Class A Operation
- Complies with FCC Part15 Class A

## Specifications

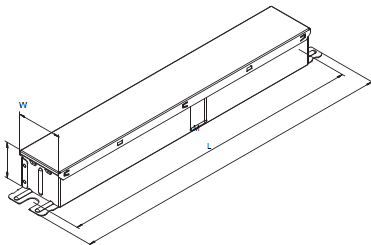
Output Current (A)	Output Voltage (V)	Output Power (W) Max.	Input Voltage (Vac)	Input Current (A) Max	Freq.(Hz)	Power Factor @ Max Load	THD	Efficiency	Envir. Protection Rating
300mA	30-48 Vdc	29W	120V 277V 347V	0.28 0.13 0.11	50/60 50/60 50/60	0.98 0.95 0.90	20% 20% 20%	87% 86.5% 85%	UL damp & dry

\* 1. THD 20% at least 90% load. 2. EFF 87% need at the full load

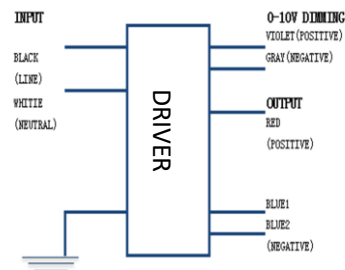
## Physical Parameters

Dimensions(L × W × H)	9.5" × 1.3× 1.1" / 241mm × 33mm × 29mm
Input Wire(18AWG,105°C)	1x Black (L) = 15.7" / 400mm; 1x White (N) = 15.7" / 400mm
Output Wire(18AWG,105°C)	2x Blue (-) = 12" / 300mm; 1x Red (+) = 12" / 300mm
Dim Wire(22AWG,105°C)	1x Violet = 12" / 300mm; 1x Gray = 12" / 300mm
Mounting (M)	8.9" / 226mm
Weight:	1.0lb / 470g

### Enclosure



### Wiring Diagram



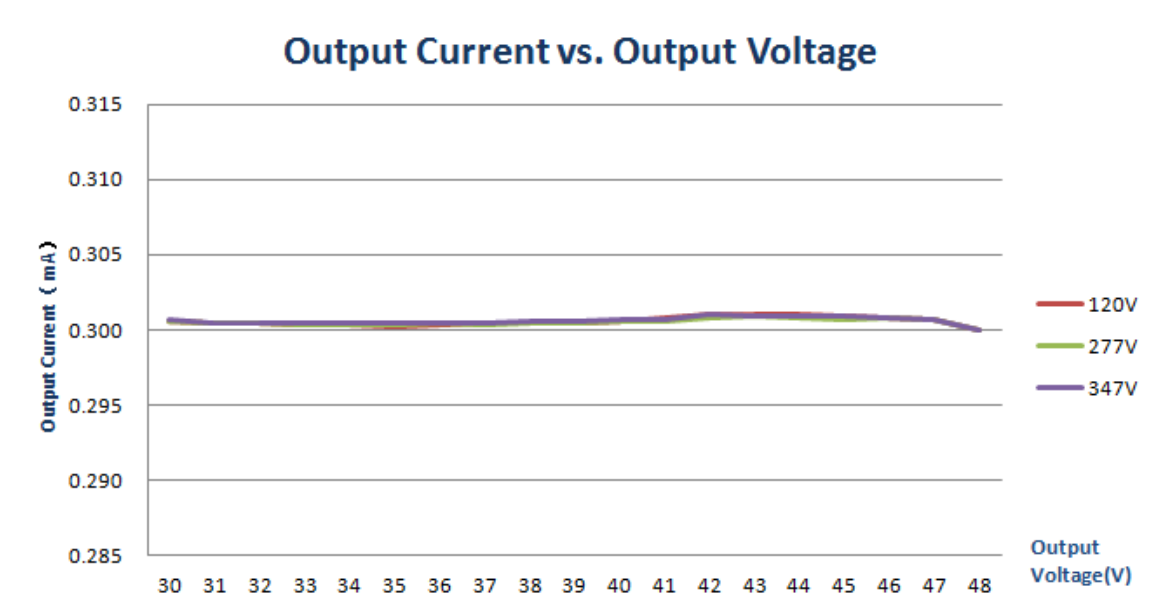
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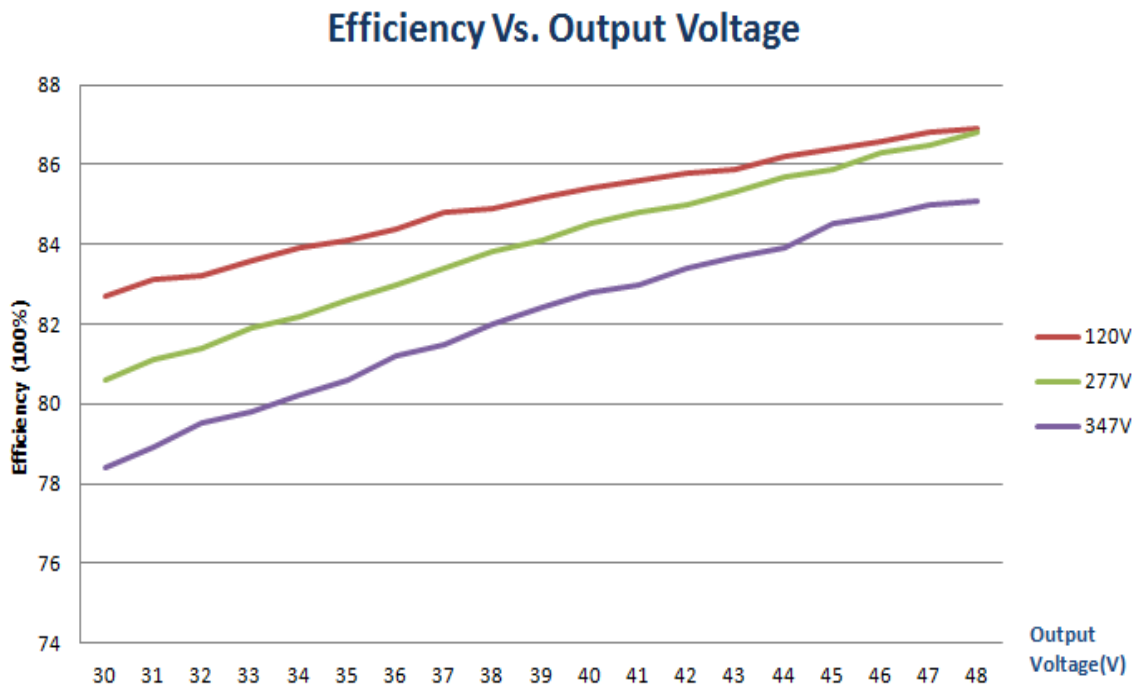
## Typical Electrical Performance Characteristics Curves

All the specifications are typical and at 25°C Tcase unless specified otherwise.

### Output Current vs. Output Voltage



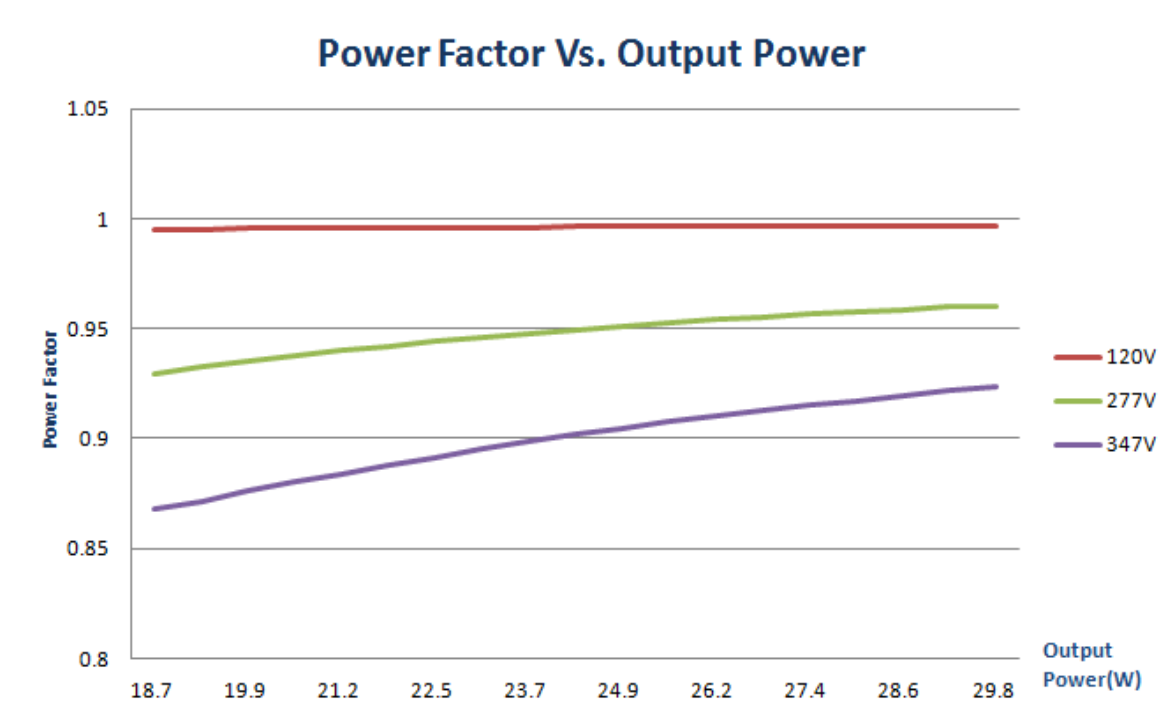
### Efficiency Vs. Output Voltage



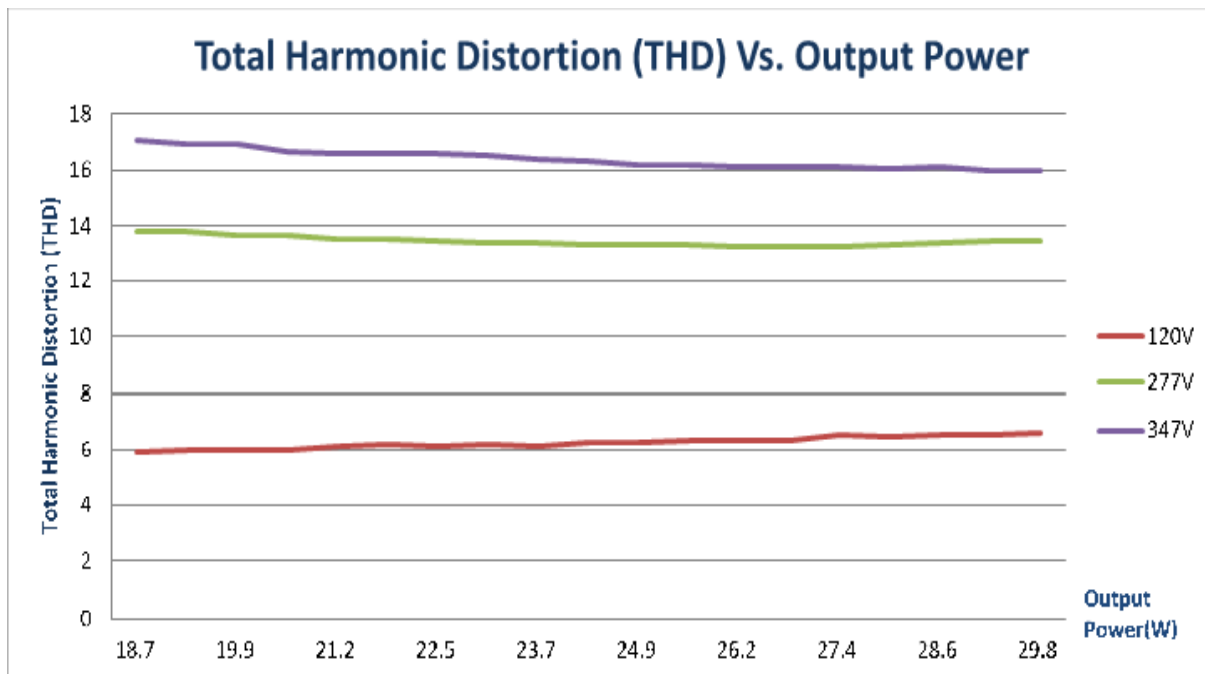
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Power Factor Vs. Output Power



Total Harmonic Distortion (THD) Vs. Output



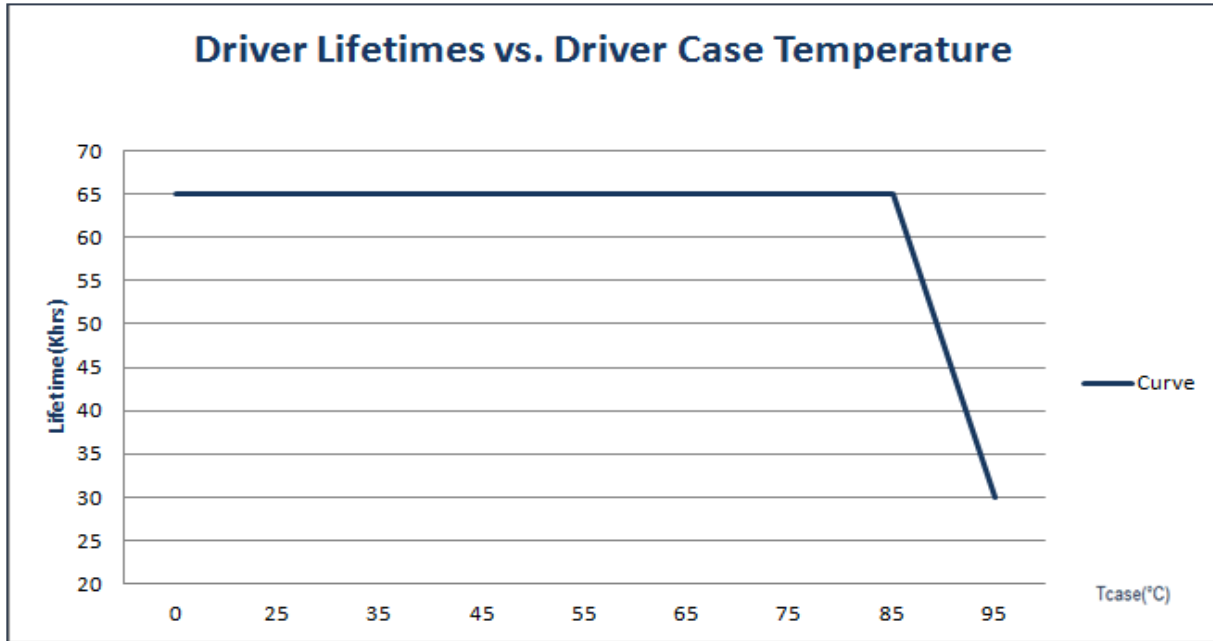
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Driver Lifetime vs. Driver Case Temperature



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