

12V AC to DC

# AC/DC Converter

36/75W

AD



## CONVERTER AD :

The AD series 12VAC to 12VDC bridge rectifiers can be used for many low voltage lighting products. Either use an illuminFx AC transformer or use an existing standard 12VAC landscape lighting transformer to power 12VDC LED products. These outdoor rated converters come in either 36 or 75W max loads and can even be used with LED lighting controls. Use illuminFx's in line dimmers (Level Select) or the Color Select and Color Select Plus lines of color changing LED controllers.

- Convenient Input Voltage Range : 12-26VAC
- Protection from output over current, output short circuit, input transient voltage, and overheating
- Working Temperature : -40°~176°F
- Conversion Efficiency : Up to 95%

### SPECIFICATIONS

	AD1236	AD1275
Output Power	36W Max	75W Max
Input Voltage	12-26VAC	
Output Voltage	12VDC	
Output Current	3A Max	6.25A Max
Load Regulation	±1%	±0.5%
Voltage Regulation	±1%	
Isolation	Non-isolated	
Ripple	100mV	120mV
Dimensions (LxWxH)	2.3x1.6x0.87inches	2.9x2.9x1.3 inches
Weight	0.216 lbs	0.66 lbs
Material	Plastic ABS	Aluminum Alloy
Wiring	Input (Red + -), Output (Yellow + Black -)	

Model Number	Output Voltage	Max Load	Input Voltage	Avg Efficiency	Material	Dimensions	Weight
AD1236	12VDC	36W	12-26VAC	92%	Plastic ABS	2.3 x 1.6 x 0.87 in	0.216 lbs
AD1275	12VDC	75W	12-26VAC	95%	Aluminum Alloy	2.9 x 2.9 x 1.3 in	0.66 lbs.