



Features

- Class 2 12V or 24V constant voltage driver
- Available wattages include 30W and 45W
- Dimmable with standard leading edge dimmers (aka forward phase, MLV, Incandescent, TRIAC) and trailing edge dimmers (aka 2-wire reverse phase, ELV)
- Slim compact housing design features built-in terminal blocks with integrated wire cover strain reliefs
- cETLus Listed (indoor dry locations)
- FCC Compliant
- RoHs Compliant

Wattage/Voltage Options

- 30W (12V)
- 30W (24V)
- 45W (12V)
- 45W (24V)

Dimming Options

- Forward phase
- Reverse phase
- ELV
- TRIAC

Listing / Ratings



ELV 30W / 45W DC Driver - 12V / 24V

The 30W and 45W ELV drivers feature cETLus Listing with high reliability and Class 2 rating. Standard built-in protections include short circuit, over-current, over-voltage, and over temperature. ELV drivers can be used in dimming applications with a 60% minimum load attached; and in non-dimming applications with no minimum load requirements. Durable plastic housing features integrated terminal blocks, wire cover strain reliefs and carries an IP20 level of ingress protection.

Technical Information

Series	ELV 12V / 24V
Max Load	30W / 45W
Minimum Load	1W (non-dimming); ELV-30: 18W, ELV-45: 27W (dimming)
Input Voltage	100-130V AC, 50/60Hz
Output Voltage	12V DC / 24V DC
Power Factor	0.95
Dimmable	Forward phase / Reverse phase / ELV / TRIAC
Efficiency	> 84%
Input Wire	12AWG max
Output Wire	12AWG max
Operating Temp.	-22°F - 122°F (-30°C - 50°C)
Rating	cETLus Listed (dry location)
Dimensions	7-1/16"L x 2-3/8"W x 1-3/8"H

Ordering Information

ELV-30-12	ELV 12V - 30W (0.41A input / 2.5A output at max load) Driver
ELV-45-12	ELV 12V - 45W (0.61A input / 3.75A output at max load) Driver
ELV-30-24	ELV 24V - 30W (0.76A input / 2.5A output at max load) Driver
ELV-45-24	ELV 24V - 45W (1A input / 3.33A output at max load) Driver