

## EM300S24DC

### Magnetic Triac Dimmable

Outdoor Black Powder Coated Steel Enclosure

Single Circuit: **24VDC**

Total Wattage: **300W max**

Input Voltage: **120V 60Hz**



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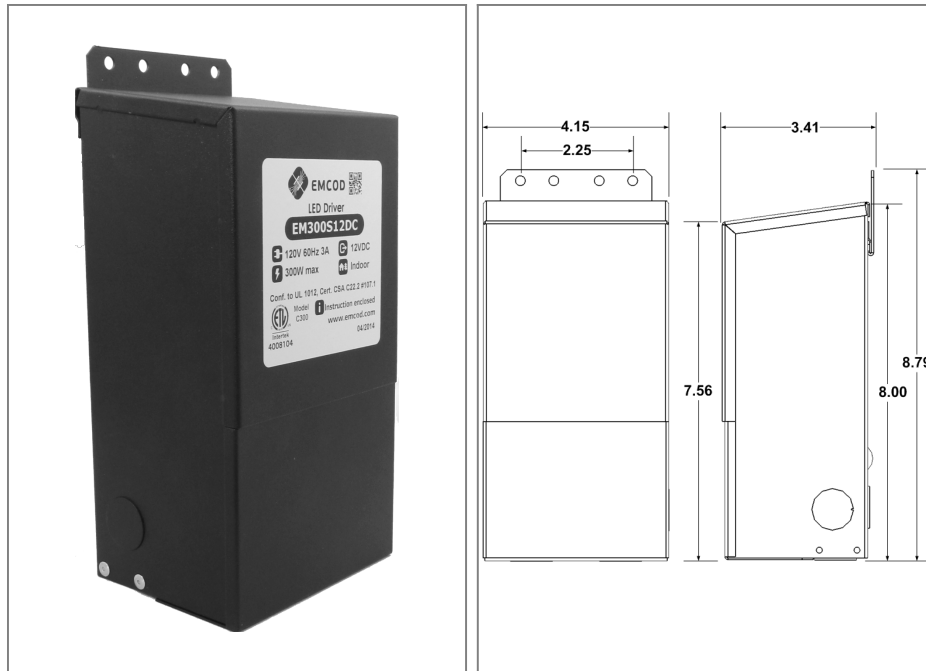
Conforms to UL STD. 2108

Certified to CSA

STD. C22.2 No. 250.0

model EM300

[Link to certification](#)



### Transformer

PWM output. Dimmable with any ELV, MLV, CL, forward or reverse phase.

Temperature class B(130°C)

Two section bobbin completely separated primary and secondary windings

Input leads are 18AWG 600V

Output leads are 12AWG 300V

Leads max. operational temperature is 105°C

Thermal manually reset primary breaker 5A

Thermal manually reset secondary breaker 20A

### Housing

The actual transformer 300W is encapsulated in the enclosure

The enclosure is Black Powder Coated Steel, NEMA 3R rated

Wiring compartment has 6 knockouts sizes for 3/8 inch screw cable connectors

Enclosure Temperature does not exceed 75°C at 45°C ambient and fully loaded

Dimensions (inch): H = 8, W = 4.15, D = 3.41

Weight (LBs): 8.4

### Electrical Parameters

Input Voltage: **120V 60Hz**

Max. input current at full load: **2.6A**

Output voltage without load: **25.6VDC**

Output voltage fully loaded: **23.5VDC**

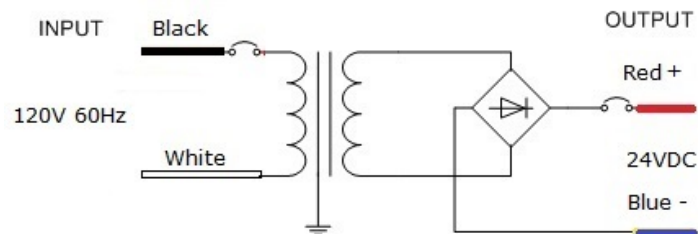
Max. Total Wattage: **300W**

Max. Output Current: **12.5A**

Efficiency: **90%**

Load regulation: **0%**

Ripple: **0%**



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