

# EM100S24AC

## Class 2 Magnetic Phase cut Dimmable LED AC Driver

Outdoor Black Powder Coated Steel Enclosure

Single Circuit: **24VAC**

Total Wattage: **100W max**

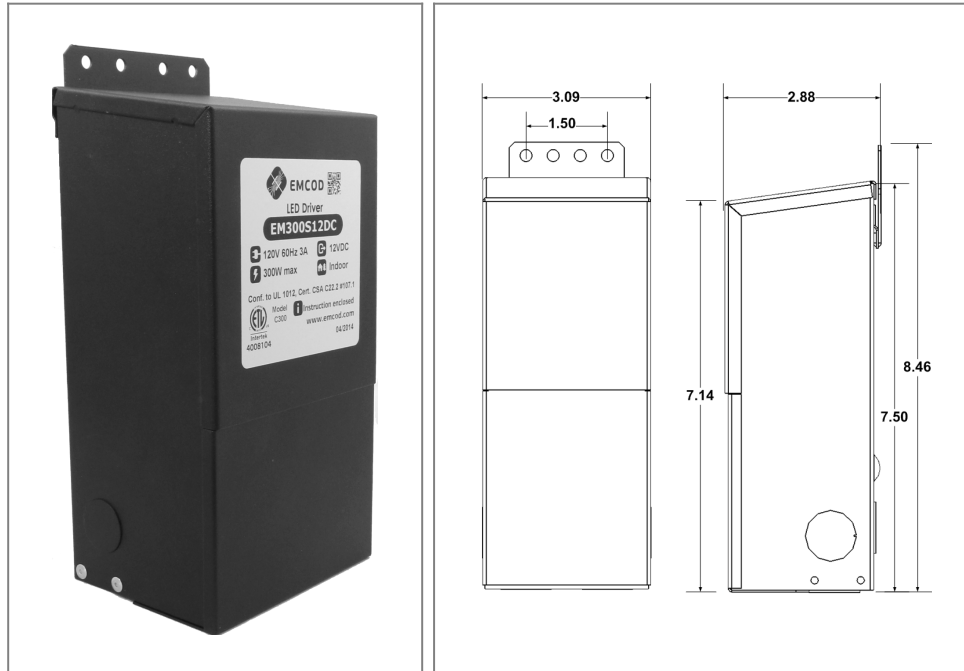
Input Voltage: **120V 60Hz**



www.emcod.com



Conforms to UL STD. 1310  
Certified to CSA  
STD. C22.2 № 223  
model EM100  
[Link to certification](#)



### Transformer

Dimmable with compatible MLV, ELV, CL dimmers, please refer to list on emcod.com

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 2A

Thermal manually reset secondary breaker 4A

### Housing

The actual transformer 100W 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 = 7.5, W = 3.09, D = 2.88

Weight (LBs): 0.51

### Electrical Parameters

Input Voltage: **120V 60Hz**

Max. input current at full load: **1A**

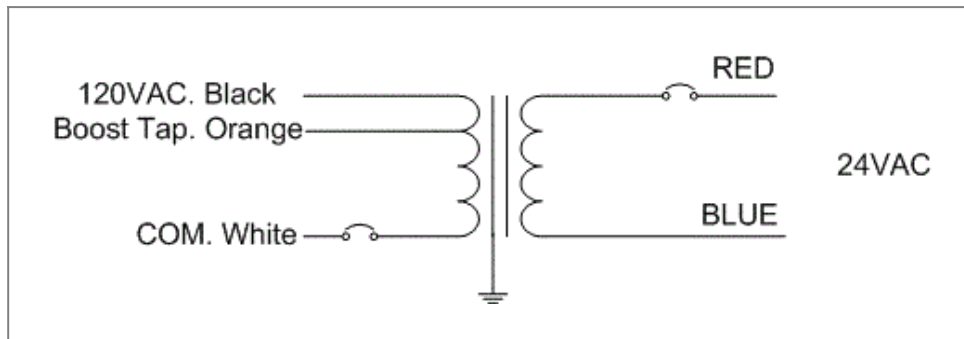
Output voltage without load: **25.6VAC**

Output voltage fully loaded: **23.8VAC**

Max. Total Wattage: **100W**

Max. Output Current: **4A**

Efficiency: **90%**



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