

# EM250S12DC

## Magnetic Dimmable

Outdoor Black Powder Coated Steel Enclosure

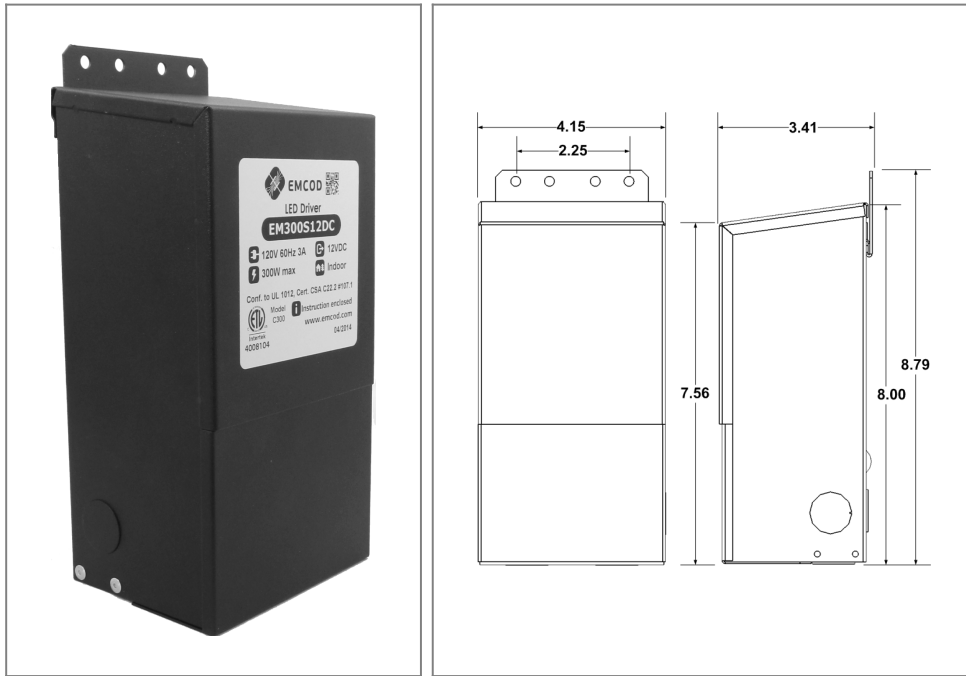
Single Circuit: **12VDC**

Total Wattage: **250W max**

Input Voltage: **120V 60Hz**



Conforms to UL STD. 2108  
Certified to CSA  
STD. C22.2 № 250.0  
model EM300  
[Link to certification](#)



### Transformer

Dimmable with any LV magnetic dimmer as long as you cover dimmer's min load.

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 4A

Magnetic manually reset secondary breaker 25A

### Housing

The actual transformer 250W 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): 8.3

### Electrical Parameters

Input Voltage: **120V 60Hz**

Max. input current at full load: **2.5A**

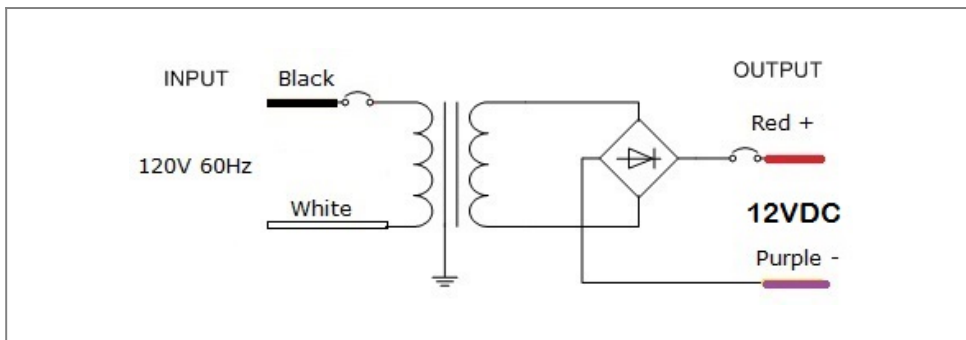
Output voltage without load: **12.7VDC**

Output voltage fully loaded: **11.5VDC**

Max. Total Wattage: **250W**

Max. Output Current: **20.8A**

Efficiency: **90%**



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