EM300S12DC

Magnetic

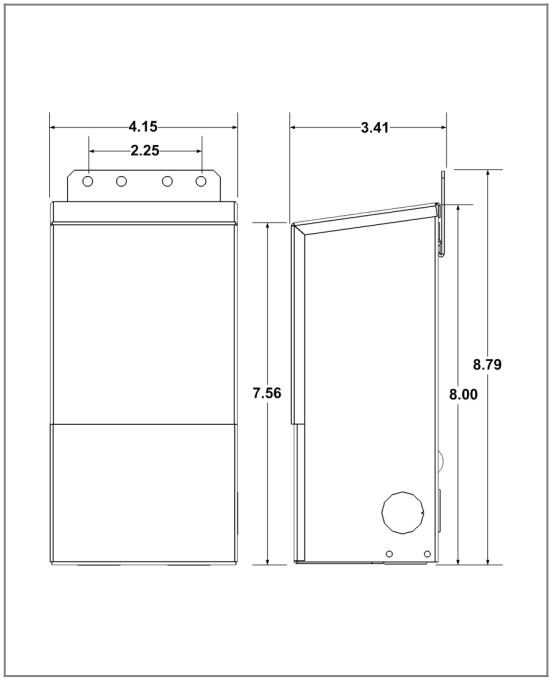
Outdoor Black Powder Coated Steel Enclosure
Single Circuit: **12VDC**
Total Wattage: **300W max**
Input Voltage: **120V 60Hz**

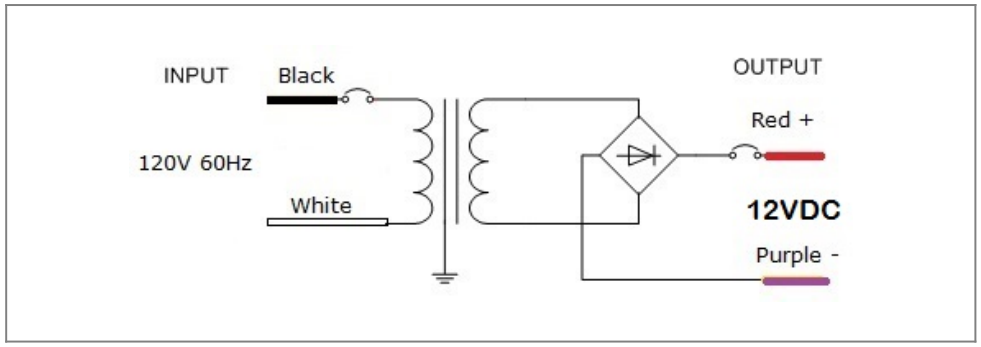
EMCOD Lighting Group

www.emcod.com

4008104

Conforms to UL STD. 2108
Certified to CSA
STD. C22.2 № 250.0
model EM300
Link to certification





Transformer

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
Magnetic manually reset secondary breaker 25A

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): 0.83

Electrical Parameters

Input Voltage:	**120V 60Hz**
Max. input current at full load:	**3A**
Output voltage without load:	**12.7VDC**
Output voltage fully loaded:	**11.5VDC**
Max. Total Wattage:	**300W**
Max. Output Current:	**25A**
Efficiency:	**90%**

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