

# EM600S12DC

## Magnetic Phase cut Dimmable

Outdoor Black Powder Coated Steel Enclosure

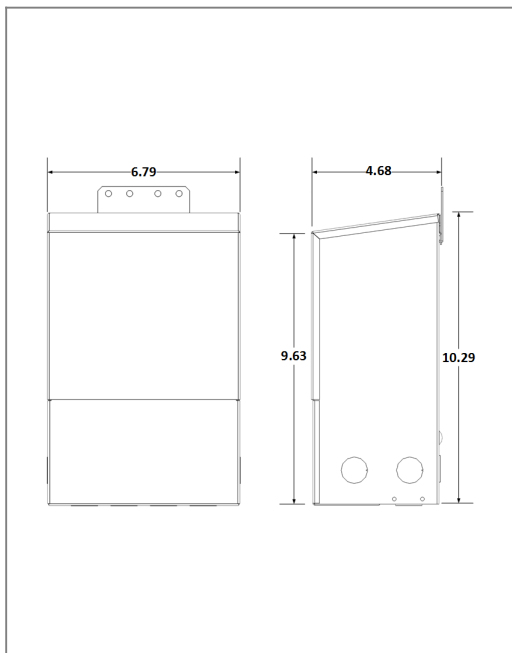
Double Circuit: **2 X 12VDC**

Total Wattage: **600W max**

Input Voltage: **2 X 120V 60Hz**



Conforms to UL STD. 2108  
Certified to CSA  
STD. C22.2 No 250.0  
model EM600  
[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 5A

Thermal manually reset secondary breaker 25A per circuit

### Housing

The actual transformer 600W is encapsulated in the enclosure

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

Wiring compartment has 12 knockouts sizes for 3/8 inch screw cable connectors

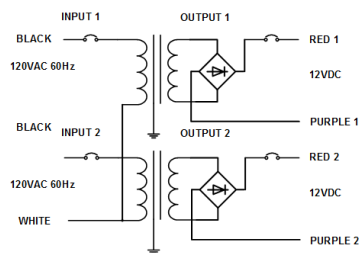
Enclosure Temperature does not exceed 75°C at 45°C ambient and fully loaded

Dimensions (inch): H = 10.29, W = 6.79, D = 4.68

Weight (LBs): 18

### Electrical Parameters

Input Voltage:	<b>2 X 120V 60Hz</b>
Max. input current at full load:	<b>6A</b>
Output voltage without load:	<b>12.5VDC</b>
Output voltage fully loaded:	<b>11.5VDC</b>
Max. Total Wattage:	<b>600W</b> Max. per circuit: <b>300W</b>
Max. Output Current:	<b>25A</b> per circuit.
Efficiency:	<b>93%</b>



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