

# ECV100-12DC

## Electronic Dimmable

Outdoor Aluminum With Wire Compartment  
Enclosure

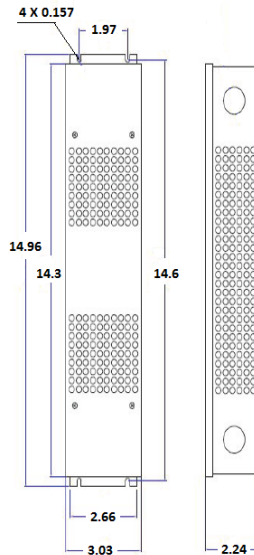
Single Circuit: **12VDC**

Total Wattage: **100W max**

Input Voltage: **120V 50/60Hz**



Conforms to UL STD. 1012  
Certified to CSA  
STD. C22.2 No 107.1



### Transformer

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

Input leads are 18AWG 600V

Output leads are 18AWG 300V

Leads max. operational temperature is 105°C

### Housing

The actual transformer 100W is encapsulated in the enclosure

The enclosure is Aluminum with wire compartment, NEMA 3R rated

Wiring compartment has 4 knockouts sizes for 3/8 inch screw cable connectors

Enclosure Temperature does not exceed 70°C at 45°C ambient and fully loaded

Dimensions (inch): H = 14.3, W = 3.03, D = 2.24

Weight (LBS): 3.7

### Electrical Parameters

Input Voltage: **120V 50/60Hz**

Max. input current at full load: **1.6A**

Output voltage without load: **12.2VDC**

Output voltage fully loaded: **12VDC**

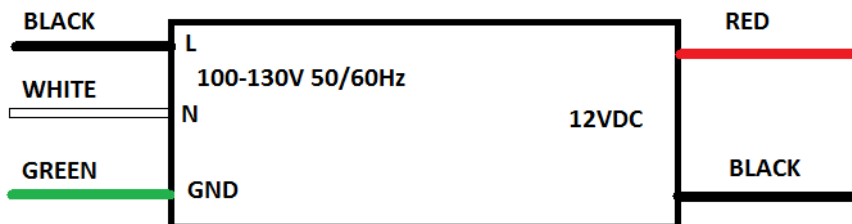
Max. Total Wattage: **100W**

Max. Output Current: **8A**

Efficiency: **85%**

Load regulation: **1%**

Ripple: **10%**



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