

## ECV100-12DC-UD

### Electronic UNIV 5 in 1 dimming

Outdoor Black Powder Coated Steel Enclosure

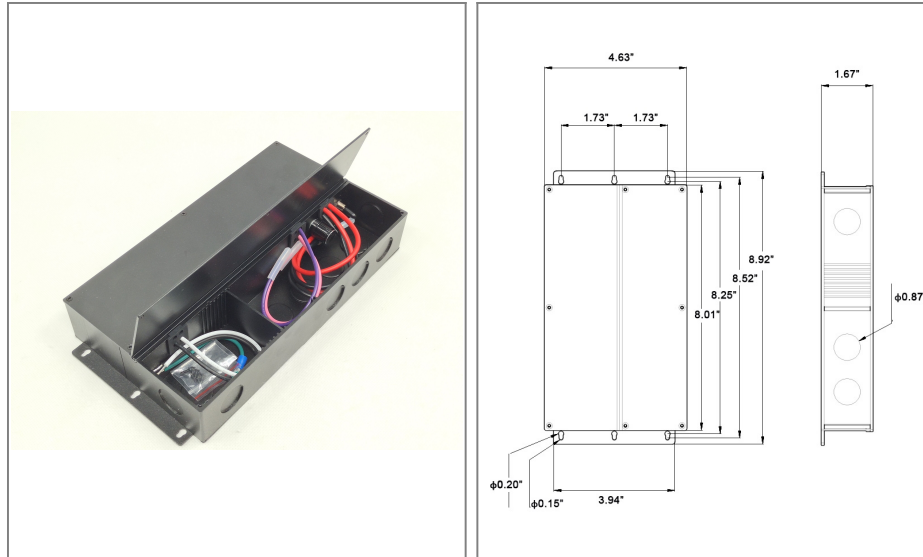
Single Circuit: **12VDC 4kHz PWM or Linear**

Total Wattage: **100W max**

Input Voltage: **100-277V 50/60Hz**



Conforms to UL STD. 8750  
Certified to CSA  
STD. C22.2 No 250.0



### Transformer

Dimmable with triac forward and reverse phase, 0/1-10V , resistor, PWM

Input leads are 18AWG 600V

Output leads are 14AWG 300V

Leads max. operational temperature is 105°C

### Housing

The actual transformer 100W is encapsulated in the enclosure

The enclosure is Black Powder Coated Steel, NEMA 4X rated

Wiring compartment has 8 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 = 8.92, W = 4.63, D = 1.67

Weight (LBs): 2.2

### Electrical Parameters

Input Voltage: **100-277V 50/60Hz**

Max. input current at full load: **1.3A**

Output voltage without load: **12.1VDC**

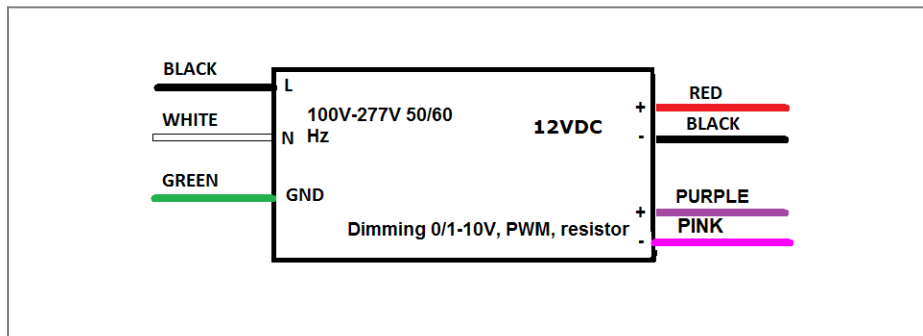
Output voltage fully loaded: **12VDC**

Max. Total Wattage: **100W**

Max. Output Current: **8.3A**

Efficiency: **84%**

Load regulation: **0.5%**



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