

## MLE80-12DC

### Electronic Class P Triac Dimmable

Outdoor Black Powder Coated Steel Enclosure

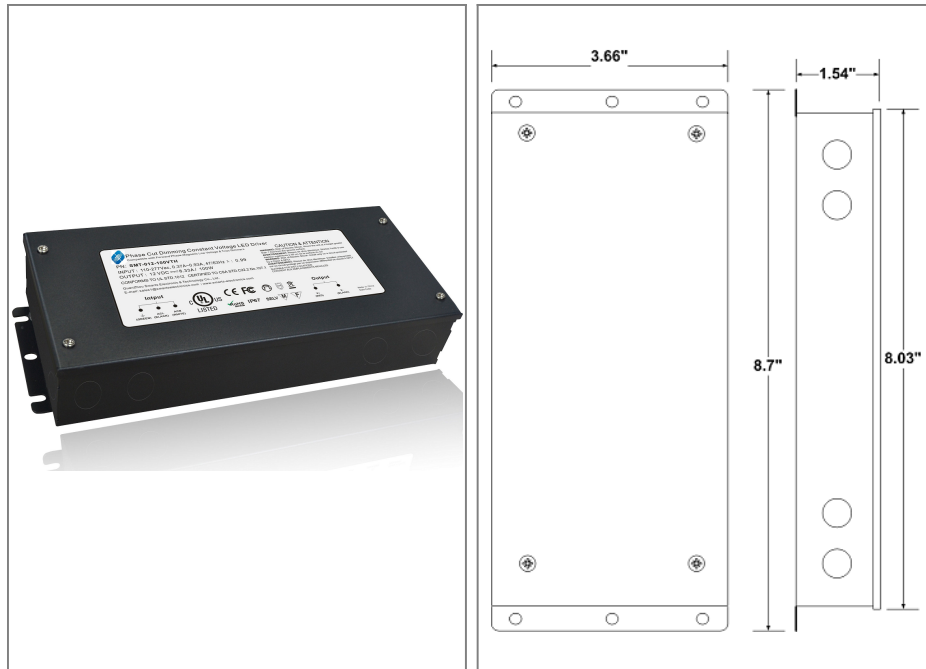
Single Circuit: **12VDC 450Hz**

Total Wattage: **80W max**

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



Conforms to UL STD. 8750  
Certified to CSA  
STD. C22.2 No 250.13  
model MLE80-12DC



### Transformer

PWM output. Dimmable with any ELV, MLV, CL, forward or reverse phase.

Input leads are 18AWG 600V

Output leads are 16AWG 300V

Leads max. operational temperature is 105°C

### Housing

The actual transformer 80W is encapsulated in the enclosure

The enclosure is Black Powder Coated Steel, with built-in class 2 wiring compartment, dry and damp location rated

Wiring compartment has 6 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 = 7.8, W = 3.66, D = 1.61

Weight (LBs): 3

### 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**

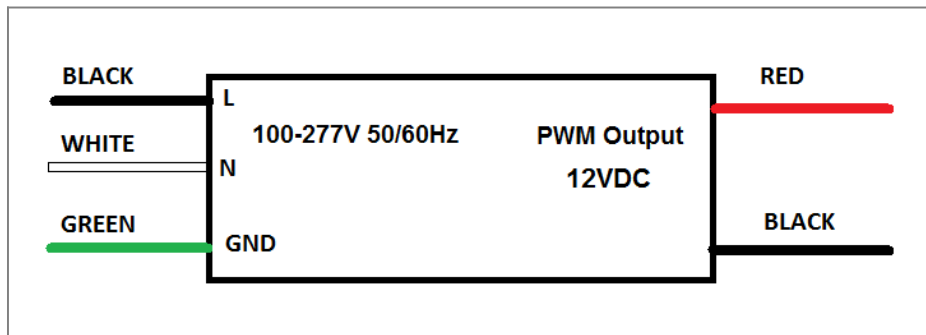
Max. Total Wattage: **80W**

Max. Output Current: **6.7A**

Efficiency: **90%**

Load regulation: **1%**

Ripple: **5%**



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