

# MLE120-12DC

## Electronic Dimmable

Outdoor Black Powder Coated Steel Enclosure

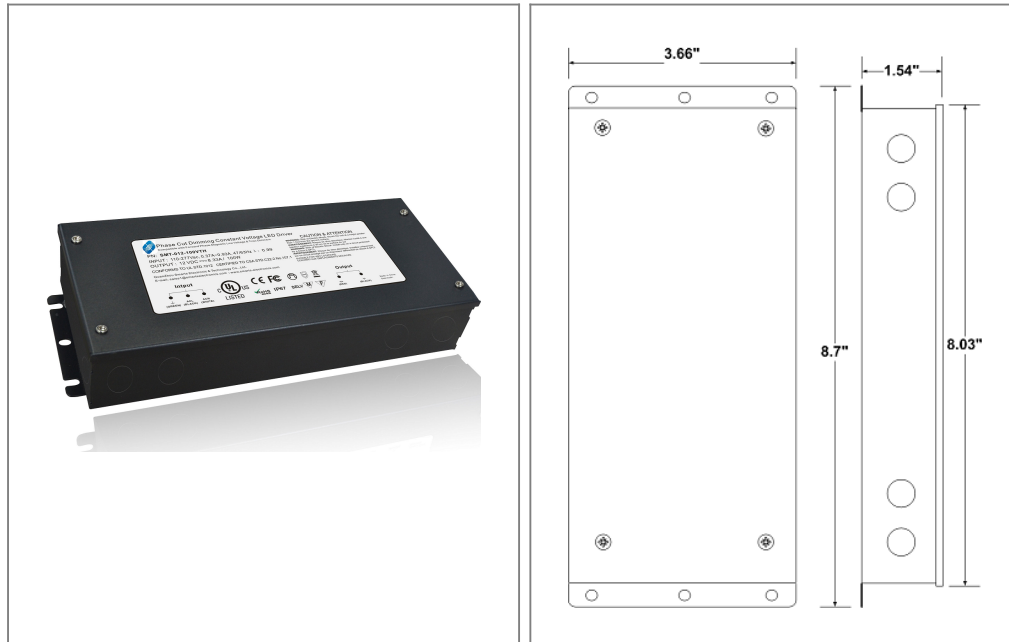
Single Circuit: **12VDC**

Total Wattage: **120W max**

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



Conforms to UL STD. 8750  
Certified to CSA  
STD. C22.2 No 250.13  
model MLE120-12DC



### Transformer

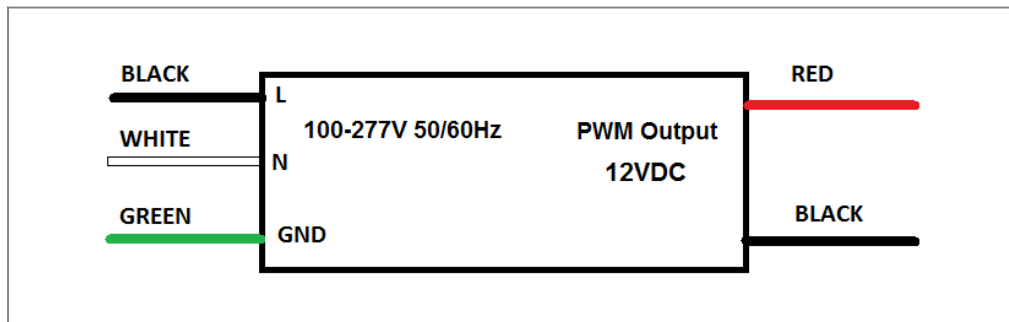
PWM output. Dimmable with any ELV, MLV, CL, forward or reverse phase.  
Input leads are 18AWG 600V  
Output leads are 16AWG 300V  
Leads max. operational temperature is 105°C

### Housing

The actual transformer 120W 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): 0.3

### Electrical Parameters

|                                  |                         |
|----------------------------------|-------------------------|
| Input Voltage:                   | <b>100-277V 50/60Hz</b> |
| Max. input current at full load: | <b>1.7A</b>             |
| Output voltage without load:     | <b>12.1VDC</b>          |
| Output voltage fully loaded:     | <b>12VDC</b>            |
| Max. Total Wattage:              | <b>120W</b>             |
| Max. Output Current:             | <b>10A</b>              |
| Efficiency:                      | <b>90%</b>              |
| Load regulation:                 | <b>1%</b>               |
| Ripple:                          | <b>5%</b>               |



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