

MLE60-12DC

Class 2 Electronic Class P Triac Dimmable

Outdoor Black Powder Coated Steel Enclosure

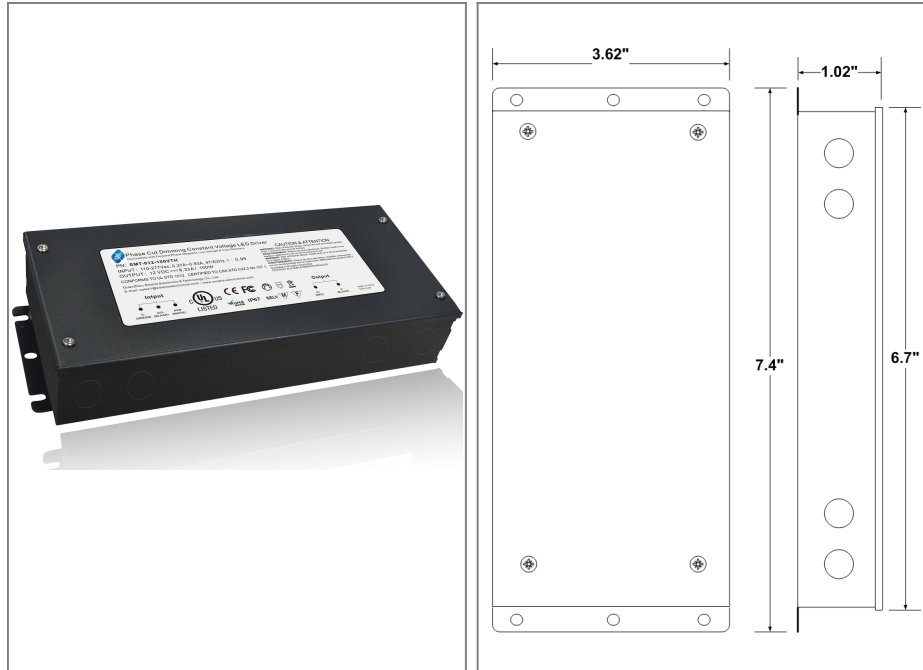
Single Circuit: **12VDC 450Hz**

Total Wattage: **60W max**

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



Conforms to UL STD. 8750 and 1310
Certified to CSA
STD. C22.2 No 250.13
model MLE60-12DC



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 60W 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 = 7.4, W = 3.62, D = 1.02

Weight (LBs): 0.24

Electrical Parameters

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

Max. input current at full load: **0.9A**

Output voltage without load: **12.1VDC**

Output voltage fully loaded: **12VDC**

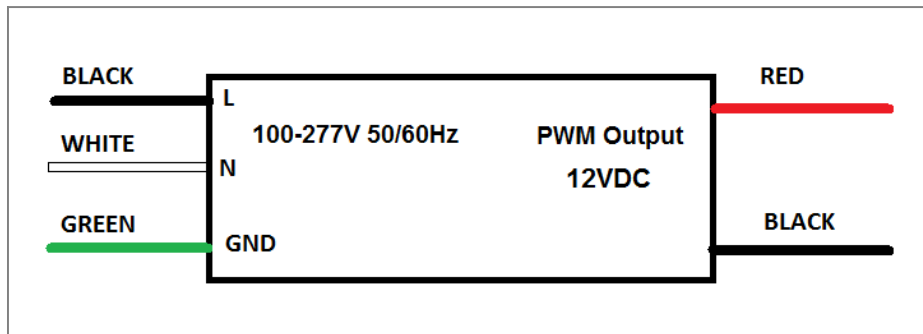
Max. Total Wattage: **60W**

Max. Output Current: **5A**

Efficiency: **90%**

Load regulation: **1%**

Ripple: **5%**



Mailing Address: 646 Flinn Ave. Unit B, Moorpark, CA 93021 Tech support: Arik Nirenberg phone: 818-904-3309

Fax: 818 904 3327 info@emcod.com techsupport@emcod.com

MLE120-12DC

Electronic Class P Triac Dimmable

Outdoor Black Powder Coated Steel Enclosure

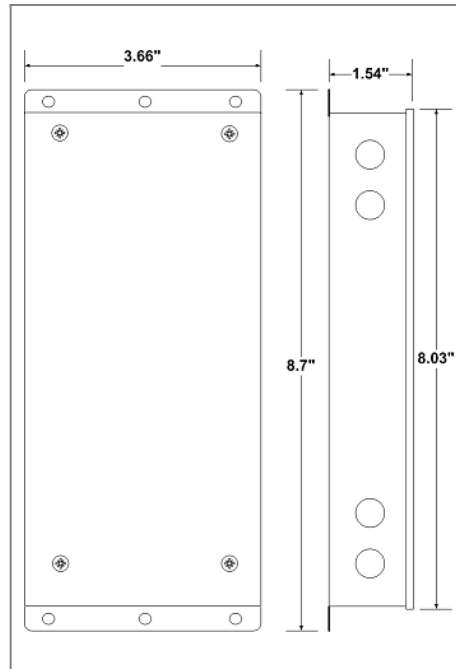
Single Circuit: **12VDC 450Hz**

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

Max. input current at full load: **1.7A**

Output voltage without load: **12.1VDC**

Output voltage fully loaded: **12VDC**

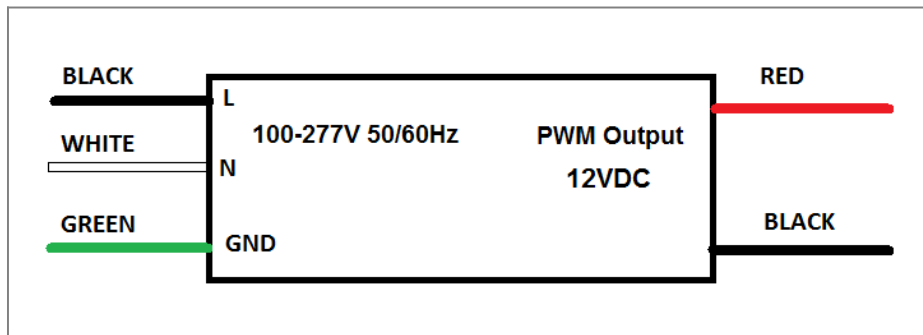
Max. Total Wattage: **120W**

Max. Output Current: **10A**

Efficiency: **90%**

Load regulation: **1%**

Ripple: **5%**



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MLE200-12DC

Electronic Class P Triac Dimmable

Outdoor Black Powder Coated Steel Enclosure

Single Circuit: **12VDC 450Hz**

Total Wattage: **200W max**

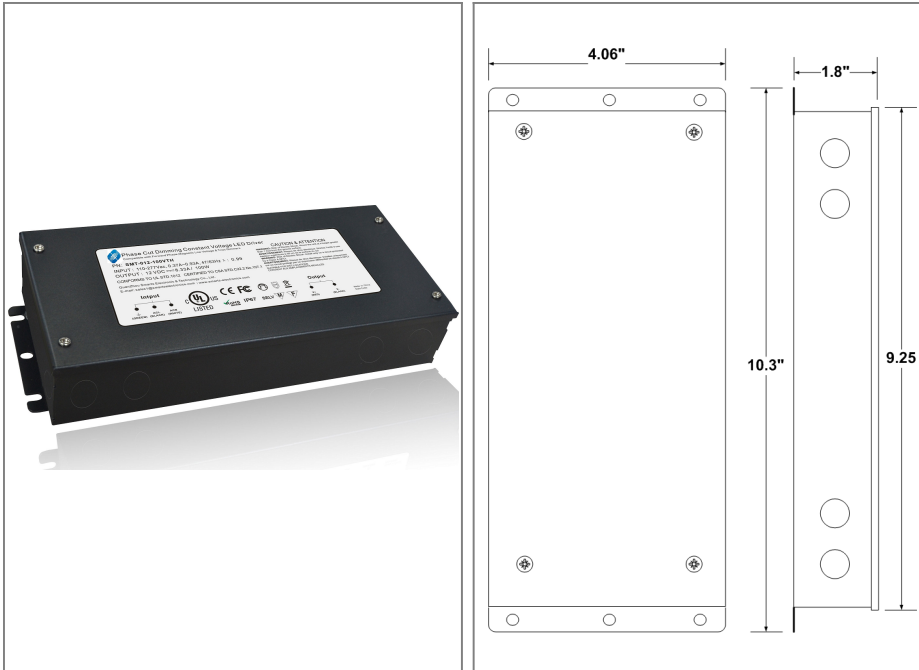
Input Voltage: **110-277V 50/60Hz**



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Conforms to UL STD. 8750
Certified to CSA
STD. C22.2 No 250.13
model MLE200-12DC



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 200W 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 = 10.3, W = 4.06, D = 1.77

Weight (LBs): 0.39

Electrical Parameters

Input Voltage: **110-277V 50/60Hz**

Max. input current at full load: **2.3A**

Output voltage without load: **12.1VDC**

Output voltage fully loaded: **12VDC**

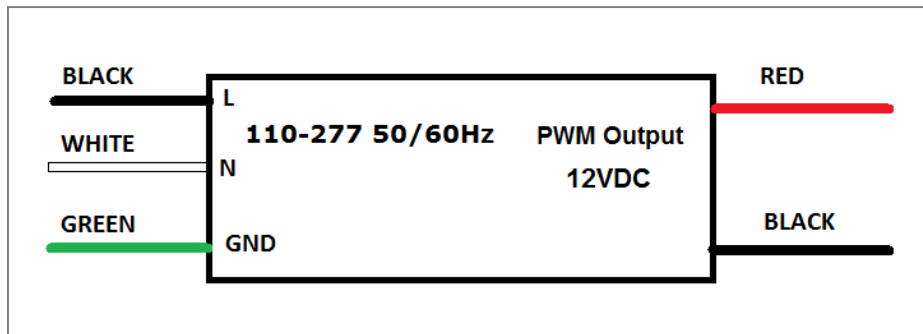
Max. Total Wattage: **200W**

Max. Output Current: **16.6A**

Efficiency: **90%**

Load regulation: **1%**

Ripple: **5%**



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MLE300-12DC

Electronic Class P Triac Dimmable

Outdoor Black Powder Coated Steel Enclosure

Double Circuit: **12VDC 450Hz**

Total Wattage: **300W max**

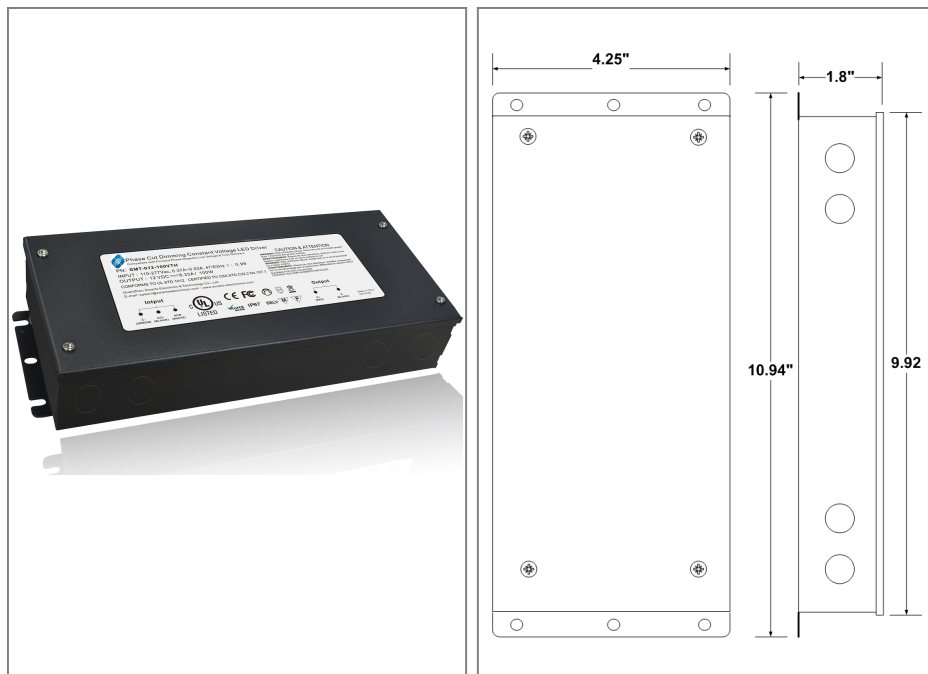
Input Voltage: **110-277V 50/60Hz**



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Conforms to UL STD. 8750
Certified to CSA
STD. C22.2 No 250.13
model MLE300-12DC



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
per circuit

Housing

The actual transformer 300W 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 = 4.25, W = 9.92, D = 1.8

Weight (LBs): 4.2

Electrical Parameters

Input Voltage: **110-277V 50/60Hz**

Max. input current at full load: **3.4A**

Output voltage without load: **12.1VDC**

Output voltage fully loaded: **12VDC**

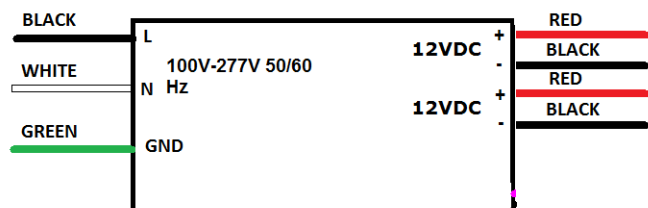
Max. Total Wattage: **300W** Max. per circuit: **150W**

Max. Output Current: **12.5A** per circuit.

Efficiency: **90%**

Load regulation: **1%**

Ripple: **5%**



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