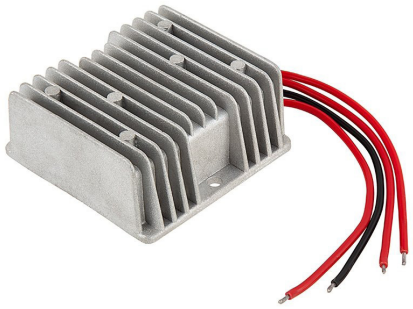
LVC Series

AC/DC Voltage Converter Specifications

Project_____

Date_____Type_____



Voltage 12–24 VAC 24-36 VDC

Voltage 12 VDC

IP67

2 yr WARRANTY

Available Models[1]

☐ LVC-12ACDC-5A

Part Number Breakdown

Example: LVC-12ACDC-5A

Series	Output Voltage	Converter Type	Max. Output Current
LVC [Low-Voltage Converter]	**12** [12 VDC]	**ACDC** [AC to DC]	**5A** [5 amps]

Overview

This compact dual-function module converts 12-24 VAC to 12 VDC and reduces 24-36 VDC to 12 VDC. The versatile voltage converter has a waterproof aluminum housing with stripped and tinned input/output wire leads. Built-in mounting tabs allow easy, secure installation in landscape systems, outdoor power equipment, vehicle upgrades, or any other project.

Features

- Converts 12-24 VAC to 12 VDC
- Reduces 24-36 VDC to 12 VDC
- Output 5A max, 4A continuous
- Output Power: 60W max, 48W continuous
- Durable IP67 waterproof construction

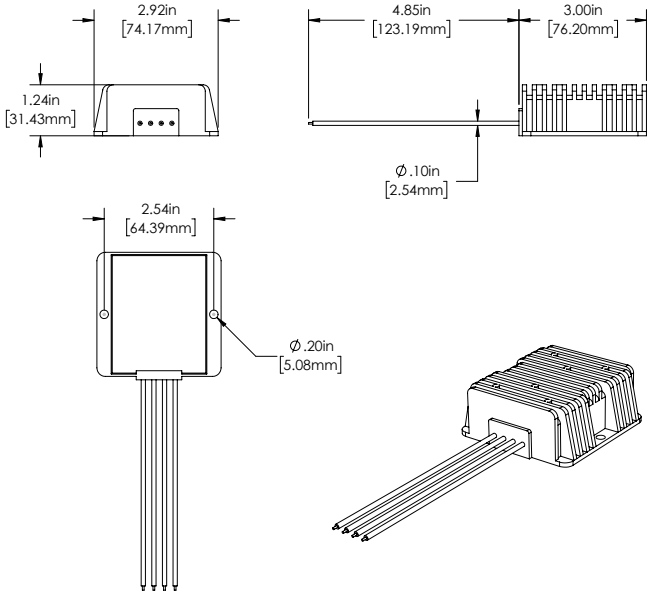
Certifications and Compliances

- CE compliant

Warranty

- 2-year warranty

Dimensional Drawings



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[1]Contact customer service if interested in other options.

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Specifications are subject to change without notice.

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AC/DC Voltage Converter Specifications

Specifications

Model		LVC-12ACDC-5A
OUTPUT		
Output Voltage		12 VDC
Output Power	Max	60W
	Constant	48W
Output Current	Max	5A
	Constant	4A
Dimming Control		Non-Dimmable
INPUT		
Input Voltage		12-24 VAC / 24-36 VDC
Efficiency (max)		96%
Leakage Current (max)		15mA
PROTECTIONS		
Type		Overcurrent, Overvoltage, Short Circuit
ENVIRONMENTAL		
IP Rating		IP67
Environmental Rating		Waterproof
Operating Temperature[2]		-40 to 80°C (-40 to 176°F)
MECHANICAL		
Connection Type		Pigtail (I/O)
Housing Material		Die-cast aluminum
Cooling Type		Free air convection

[1]If ambient temperature exceeds 40°C reduce power use or improve heat dissipation.

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