



Installation Instructions **Model MWLT300, Class 1 Series AC-DC Power Supply**

AC INPUT : 100-240 VAC, 4.2 A
47-63 Hz

SAFETY APPROVALS:

UL Recognized : ANSI/AAMI ES60601-1
CSA C22.2 60601-1/IEC60601-1/
EN60601-1 3rd Ed.

(Input selection is automatic; no manual change is required.)

DC OUTPUT:

Model Number	Voltage	Max. Load (Convection)	Min. Load (300 LFM)	Min. Load
LFMWLT300-1000-3	V1=5V	28.0A	40.0A	0.0A
LFMWLT300-1001-3	V1=12V	15.0A	25.0A	0.0A
LFMWLT300-1002-3	V1=15V	12.0A	20.0A	0.0A
LFMWLT300-1003-3	V1=24V	7.5A	13.54A	0.0A
LFMWLT300-1004-3	V1=48V	3.75A	6.77A	0.0A
LFMWLT300-1005-3	V1=30V	6.0A	10.83A	0.0A

– CAUTIONS & NOTES –

CAUTION: This component level power supply is intended exclusively for installation within other equipment by an industrial assembly operation or by professional installers. This is a Class I power supply; the unit must be properly connected to earth ground in end use. A component power supply should be installed in end-use equipment according to the requirements of the safety standard used for that equipment. This power supply is not designed to be operated outside of an enclosure which provides a means of mechanical, electrical, and fire protection. To maintain SELV requirements, the outputs should not be connected together in any manner which causes the total output voltage to exceed 60 VDC.

WARNING: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

PROTECTIVE EARTHING:

The Power Supply must be properly grounded to mains protective earthing termination at end use.

ENVIRONMENTAL CONDITIONS:

Transportation & Storage

Ambient Temperature Range: -40 °C to +70 °C
Relative Humidity Range:
5 % to 95 % RH Non-Condensing
Altitude: 40,000 ASL Feet

Operation

Ambient Temperature Range: 0 °C to +50 °C
Relative Humidity Range:
5 % to 95 % RH Non-Condensing
Altitude: 10,000 ASL Feet

Additional application information is available from the EOS web site at www.eospower.com

EOS Power India Pvt. Ltd.
Unit # 57, SDF II, SEEPZ, Andheri (East); Mumbai 400 096, India
Phone: +91 22 67744000



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FUSING and SERVICING:

Double fusing in series line & neutral line. They are F1 & F2 rated as F2, 6.3 A, 250 V. In case of failure, the Power Supply must be returned to EOS Power Authorized Service Center. There are no user-serviceable parts in the Power Supply.

LIMITED WARRANTY:

EOS Power warrants each power supply of its manufacture for a period of two years from the date of manufacturing. This warranty applies to defects in materials and workmanship that result in non-performance to published specifications.

EOS Power assumes no liabilities for consequential damages of any kind through the use or misuse of its products by any user. No other obligations are expressed or implied.

Please note that the specifications, terms, and conditions stated are subject to change without notice.

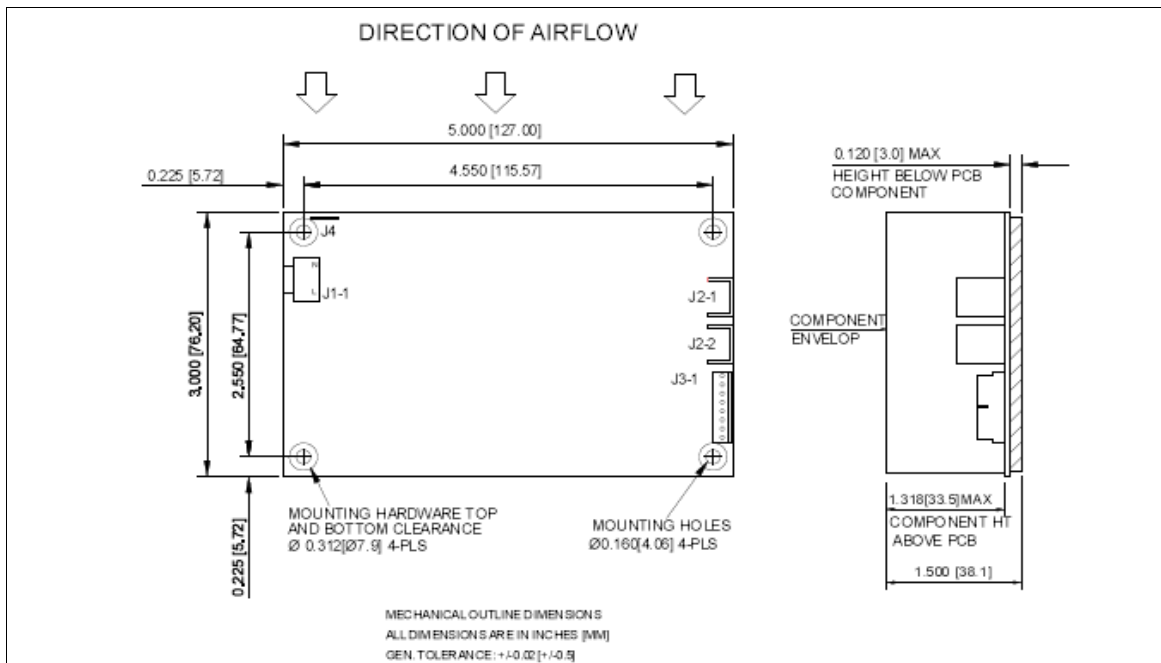
NUCLEAR AND MEDICAL APPLICATIONS:

EOS Power products are not designed, intended for use in, or authorized for use as critical components in life support systems, equipment used in hazardous environments, or nuclear control systems without the express written consent of the respective divisional president of EOS Power, Inc.

TECHNICAL REVISIONS:

The appearance of products, including safety agency certifications pictured on labels, may change depending on the date manufactured. Specifications are subject to change without notice.

MECHANICAL DIMENSION:



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PIN ALLOCATION :

Pin	Name	Description
Input J1 & J4		
J1-1	Line	AC Input Line
J1-2	Neutral	AC Input Neutral
J4	Earth	AC Input Earth
Output J2		
Pin 1	GND	Output return
Pin 2	V1	+ V1 Main Output
Signal J3		
J3-1	V1 Remote ON/OFF	Remote ON/OFF for V1 Main Output & V Fan
J3-2	GND	Output Returns For Signal
J3-3	+V Fan	Fan output (12V/0.5A)
J3-4	V1 Sense	Main output negative sense
J3-5	V stby	Standby output (5V/2A)
J3-6	V1 sense	Main output positive Sense
J3-7	GND	Output Returns For Signal
J3-8	Power Good	Main output power good signal

Connector Mating Parts (Molex or equivalent) :

CONNECTOR	HOUSING	CRIMP TERMINAL	WIRE GAUGE
J1	09-50-3031	08-50-0106	AWG # 18
J4	190030001	-	AWG # 18
J2		8-31886-1	AWG # 16
J3	22-01-2087	08-50-0113	AWG # 24

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