



CFM-101S SERIES

100 WATT OPEN FRAME AC-DC MODULES WITH PFC

Features

- 100W Single Output
- Universal Input 90-264Vac
- Active PFC Function
- 2"X4" Size
- Efficiency at 88% Typical
- Continuous Short Circuit Protection
- Meets EN55022 Class "B" and CISPR/FCC Class B, Conducted



Model	Output Voltage	Max. Load	Min. Load	Ripple & Noise	Voltage Accuracy	Line Regulation	Load Regulation	%EFF
CFM-101S120	12V	8.4A	0 A	1%	+/- 1%	+/- 0.5%	+/- 1%	87% Typ.
CFM-101S150	15V	6.7A	0 A	1%	+/- 1%	+/- 0.5%	+/- 1%	87% Typ.
CFM-101S200	20V	5.0A	0 A	1%	+/- 1%	+/- 0.5%	+/- 1%	88% Typ.
CFM-101S240	24V	4.2A	0 A	1%	+/- 1%	+/- 0.5%	+/- 1%	88% Typ.
CFM-101S480	48V	2.1A	0 A	1%	+/- 1%	+/- 0.5%	+/- 1%	88% Typ.

SPECIFICATIONS

Typical at 25°C, nominal line and 75% load, unless otherwise Specified

INPUT SPECIFICATIONS:

Voltage 90~264Vac
Frequency 47 to 63Hz
Inrush Current 90A Max. @240Vac
Conducted EMI CISPR/FCC Class B
Isolation Input to output = 4242VDC
Leakage Current 3.5mA max.

OUTPUT SPECIFICATIONS:

Holdup Time 12mS typ. @115Vac
Short Circuit Protection Continuous
Temperature Coefficient $\pm 0.05\%/^{\circ}\text{C}$

GENERAL SPECIFICATIONS: NOTE:

Operating Temperature 0 ~ 40°C
Storage Temperature -20~85°C
Cooling Natural Convection
Humidity 0~93% at 25°C

MECHANICAL CHARACTERISTICS:

Dimensions 101.6x50.8x27.94mm(2.0x4.0x1.1Inches)
Weight 150g

NOTE:

1. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.
2. Line regulation is measured from 100Vac to 240Vac with full load.
3. Load regulation is measured from 10% to 100% full load.
4. Connectors : AC input: Molex 5277 or equivalent
DC input: Molex 5273 or equivalent

CFM-101S Series Derating Curve

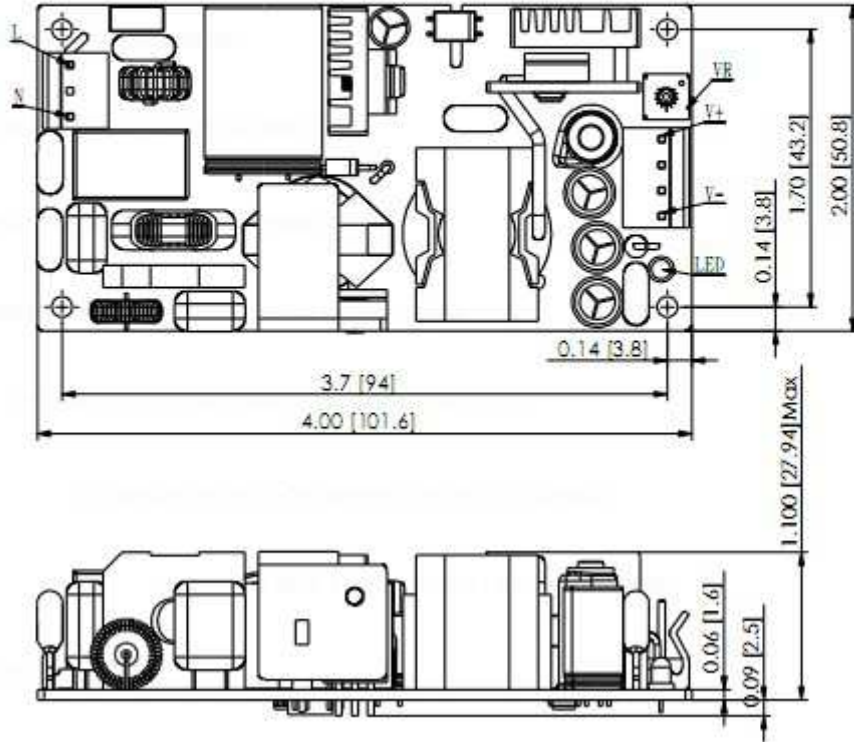
Coming soon.

CFM-101S Series

All Dimensions in Inches (mm)

Tolerance Inches: x.xxx = ± 0.02

Millimetres: x.xx = ± 0.5



Notice: All statements, technical information, and recommendations related to FABRIMEX's products are based on information believed to be reliable, but the accuracy or completeness thereof is not guaranteed. Before utilizing the product, the user should determine the suitability of the product for its intended use. Specifications can be changed any time without notice.

