

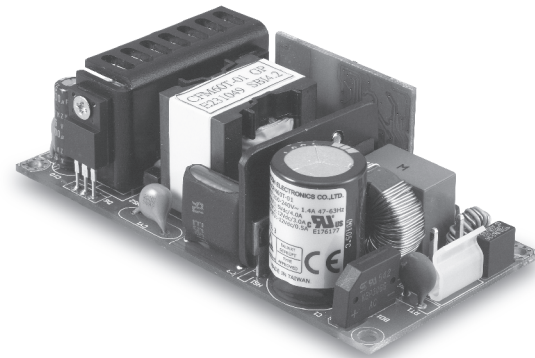
CFM60T

S E R I E S

SMX POWER

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60 WATT TRIPLE OUTPUTS AC-DC OPEN FRAME



Features

- Universal Input Range 90-264VAC
- Efficiency to 83%
- 2" x 4" Size
- Meets CISPR/FCC Class B, Conducted
- Industry Standard Pin Out
- Continuous Short Circuit Protection

MODEL	Output Voltage	Output Current (A)			Ripple (mVp-p)	Voltage Accuracy	Line Reg.	Load Reg.	O/P Power Max.	%EFF.
		Min.	Rated	Max.						
CFM60T-01	V1=5V	0A	4.0A	5.0A	50mV	±2%	±1%	±4%	62W	83%
	V2=12V	0A	3.0A	3.7A	120mV	±5%	±1%	±3%		
	V3=-12V	0A	0.5A	0.65A	120mV	±5%	±1%	±5%		
CFM60T-02	V1=5V	0A	4.0A	5.0A	50mV	±2%	±1%	±4%	62W	83%
	V2=15V	0A	2.5A	3.1A	150mV	±4%	±1%	±3%		
	V3=-15V	0A	0.3A	0.5A	150mV	±5%	±1%	±5%		
CFM60T-03	V1=5V	0A	4.0A	5.0A	50mV	±2%	±1%	±4%	62W	83%
	V2=24V	0A	1.5A	1.8A	240mV	±3%	±1%	±3%		
	V3=-12V	0A	0.5A	0.6A	120mV	±5%	±1%	±5%		
CFM60T-04	V1=3.3V	0A	6.0A	7.5A	50mV	±4%	±1%	±5%	40.8W	78%
	V2=5V	0A	3.0A	3.7A	50mV	±5%	±1%	±4%		
	V3=-12V	0A	0.5A	0.65A	120mV	±5%	±2%	±5%		

Specifications

INPUT SPECIFICATIONS:

Voltage90 ~ 264Vac
 Frequency47 to 63Hz
 Inrush Current.....50A max. @240Vac
 Cold Start @25°C
 Conducted EMI.....CISPR/FCC Class B
 IsolationInput to output =4,242VDC
 Leakage Current.....3.5mA max

OUTPUT SPECIFICATIONS:

Hold-up Time.....8mS typ. @115Vac
 Short Circuit Protection.....Continuous
 Temperature Coefficient±0.05% / °C
 Over Voltage Protection.....Auto Recovery

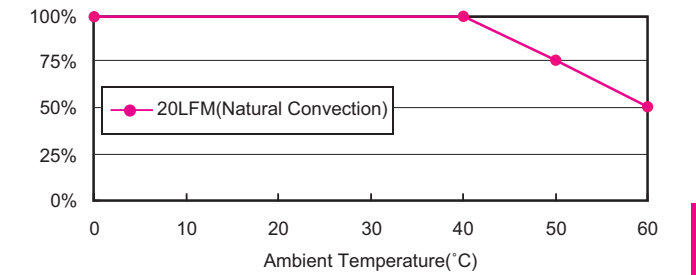
ENVIRONMENTAL CHARACTERISTICS:

Operating Temperature0 ~ 50°C
 Storage Temperature-20 ~ 85°C
 Cooling.....Natural Convection

MECHANICAL CHARACTERISTICS:

Dimensions101.60 x 50.80 x 32.00mm(4.000 x 2.000 x 1.260Inches)
 Weight170g (0.37Pounds)

CFM60T Series Derating Curve

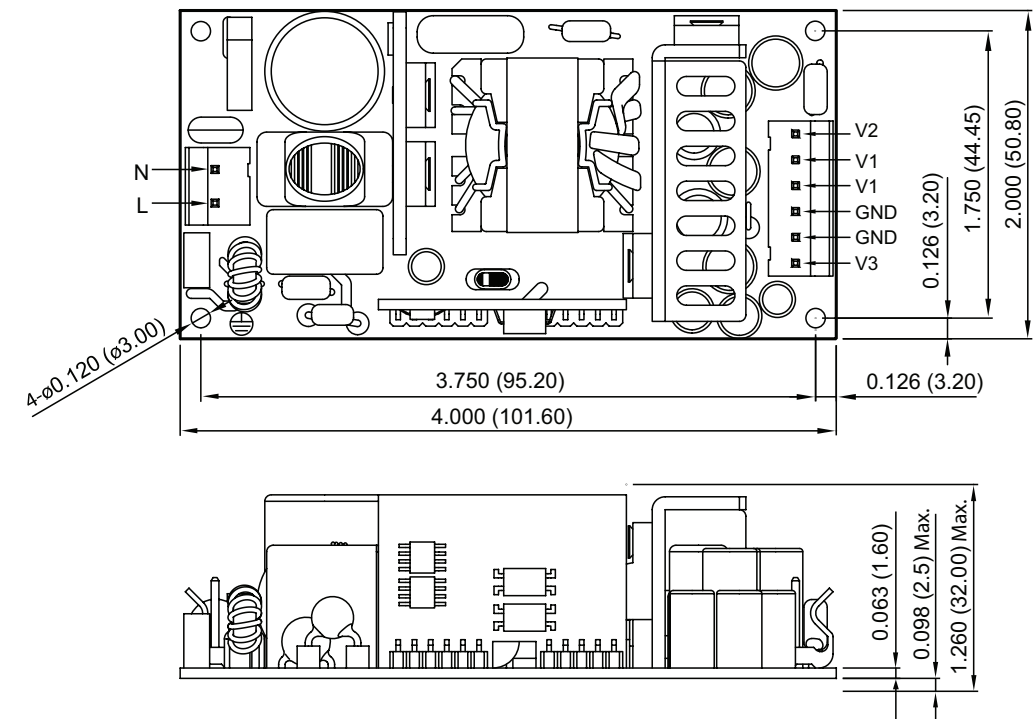


NOTE:

1. Voltage accuracy is set of 60% rated load.
2. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.
3. Line regulation is measured from 103Vac~127Vac & 207Vac~253Vac with rated load.
4. Load regulation is defined by changing ±40% of measured output load from 60% rated load at other outputs set to 60% rated load.

CFM60T Watt Series

All Dimensions In Inches(mm)
 Tolerance Inches: x.xxx= ±0.02
 Millimeters: x.xx= ±0.5



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

CFM60T