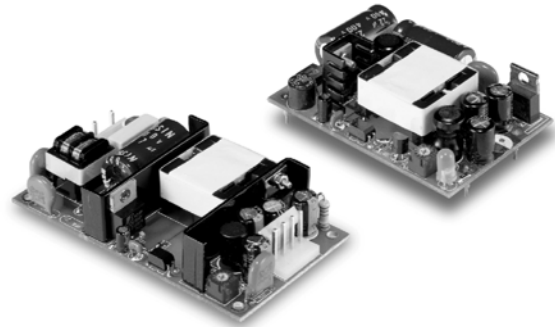


**PART NUMBER:** VFM10/15 series

**DESCRIPTION:** open frame AC/DC power supply

**features**

- universal input 85-264 VAC
- efficiency to 82%
- industry standard pin out
- UL/cUL,TUV,CE approved
- PCB mountable
- single output


**10 WATT SERIES**

model number	output voltage	max moad	min load	ripple & noise <sup>1</sup>	voltage accuracy	line regulation <sup>2</sup>	load regulation <sup>3</sup>	effic.
VFM10-07S	3.3V	2500mA	0A	50mV	±1%	±0.5%	±1%	65%
VFM10-01S	5V	2000mA	0A	1%	±1%	±0.5%	±1%	70%
VFM10-09S	9V	1120mA	0A	1%	±1%	±0.5%	±1%	72%
VFM10-02S	12V	840mA	0A	1%	±1%	±0.5%	±1%	75%
VFM10-03S	15V	670mA	0A	1%	±1%	±0.5%	±1%	75%
VFM10-05S	24V	420mA	0A	1%	±1%	±0.5%	±1%	78%

**15 WATT SERIES**

model number	output voltage	max moad	min load	ripple & noise <sup>1</sup>	voltage accuracy	line regulation <sup>2</sup>	load regulation <sup>3</sup>	effic.
VFM15-07S	3.3V	3000mA	0A	50mV	±1%	±0.5%	±1%	70%
VFM15-01S	5V	3000mA	0A	1%	±1%	±0.5%	±1%	73%
VFM15-09S	9V	1667mA	0A	1%	±1%	±0.5%	±1%	75%
VFM15-02S	12V	1250mA	0A	1%	±1%	±0.5%	±1%	80%
VFM15-03S	15V	1000mA	0A	1%	±1%	±0.5%	±1%	80%
VFM15-05S	24V	630mA	0A	1%	±1%	±0.5%	±1%	82%

**NOTES:**

1. add a 0.1µF ceramic capacitor and a 10µF E.L. capacitor to output for ripple and noise measuring @20MHz BW.
2. line regulation is measured from 100VAC to 240VAC with full load.
3. load regulation is measured from 60% to 100% full load and from 60% to 20% full load (60% ±40% full load).

**PART NUMBER:** VFM10/15 series

**DESCRIPTION:** open frame AC/DC power supply

### INPUT

voltage	85-264 Vac
frequency	47 to 63 Hz
inrush current	40 A max. @ 264 Vac
isolation	input to output = 4,242VDC
leakage current	0.25mA max.

### OUTPUT

hold up time	8mS typ. @ 115VAC
short circuit protection	continuous
temperature coefficient	±0.05% / °C

### GENERAL & SAFETY

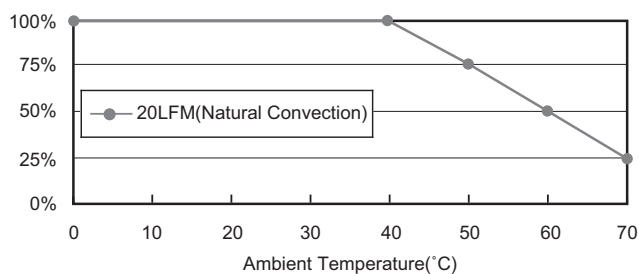
operating temperature	0° - 70°C (see derating curve)
storage temperature	-20° - +85°C
approvals	UL60950, TUV, CE
emissions	CISPR/FCC Class B

### MECHANICAL OUTLINE

dimensions	2.17x1.38x0.83(max) inches (55x35x21mm <sup>3</sup> )
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### DERATING CURVE

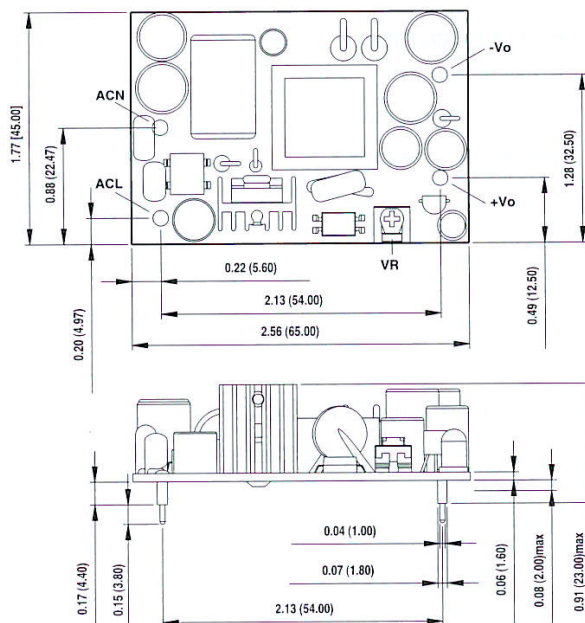
**VFM10/15 Series Derating Curve**



PART NUMBER: VFM10/15 series

DESCRIPTION: open frame AC/DC power supply

### DIMENSIONS (mm) - 10 W



### DIMENSIONS (mm) - 15 W

