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260 Watt, CFM260 Series, Open Frame (Single Output)

- Universal Input 85~264Vac
- 2"x 4" Open Frame Compact Size
- 200W with Natural Convection
- 260W with Fan-Cooled
- No Load Input Power Consumption <150mW
- High Efficiency up to 93%
- Continuous Short Circuit Protection
- EN62368 and EN55032 (Class B Conducted)
- * Complies EN61558-1 and IEC/EN60335-1



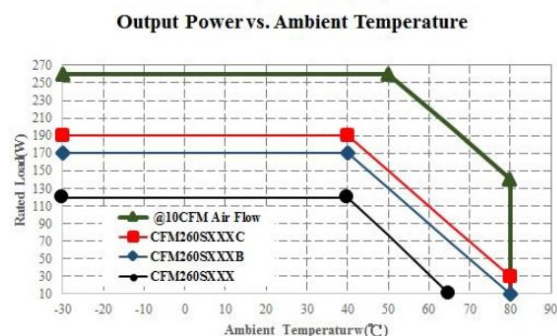
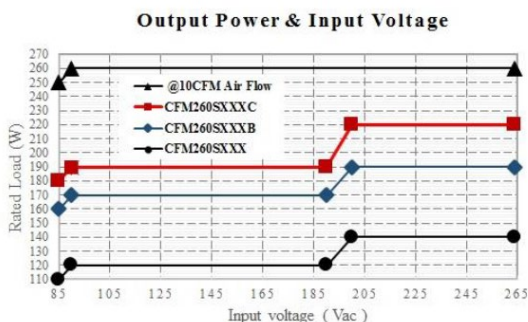
Specification

Input Voltage.....	85~264 VAC, 47~63 Hz
Inrush Current.....	150 A max @ 240 VAC
Output Voltage.....	See table below
Line Regulation.....	+/-0.5%
Load Regulation.....	+/- 1%
Operating Temperature.....	-30°C to 80 °C, (See derating curve)
Storage Temperature.....	-40 °C to 85 °C
Safety Standards.....	IEC62368, EN62368, UL62368, Complies with IEC/EN61558-1, EN61558-2-16, C/EN60335-1
EMC Standards.....	EN55032 Class B Conducted and Radiated (EN61000-3-2, EN 61000-3-3), EN55024 (EN61204-3, EN61000-6-1, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5)
Input / Output Connections	JST plug in connectors (12 Volts has M3 screw connections)
Dimensions.....	Standard Chassis Mounting : 101.6 x 50.8 x 33.6mm Base Plate Cooled option : 116.8 x 50.8 x 38.6mm Base Plate Cooled with Cover : 116.8 x 64 x 40.5mm
Weight.....	231~327g dependent on model

Models and Ratings

Model	Output Voltage	Max Output Current			Efficiency
		Fan Cooled	Fan Cooled Convection Cooled with baseplate or Cover	Convection Cooled No Baseplate	
CFM260S120	12 V	21.67 A	15.84 A / 18.34 A	11.67 A	92%
CFM260S240	24 V	10.83 A	7.92 A / 9.17 A	5.83 A	93%
CFM260S360	36 V	7.22 A	5.28 A / 6.11 A	3.89 A	93%
CFM260S480	48 V	5.42 A	3.96 A / 4.58 A	2.92 A	93%

- Notes : 1) Chassis mount standard open frame = no suffix
 2) Baseplate cooled option is suffix B and becomes : CFM260SXXX-B
 3) Baseplate cooled with top safety cover option is suffix C and becomes : CFM260SXXX-C
 4) All units have a fan output of 12 Volts up to 0.3 Amps



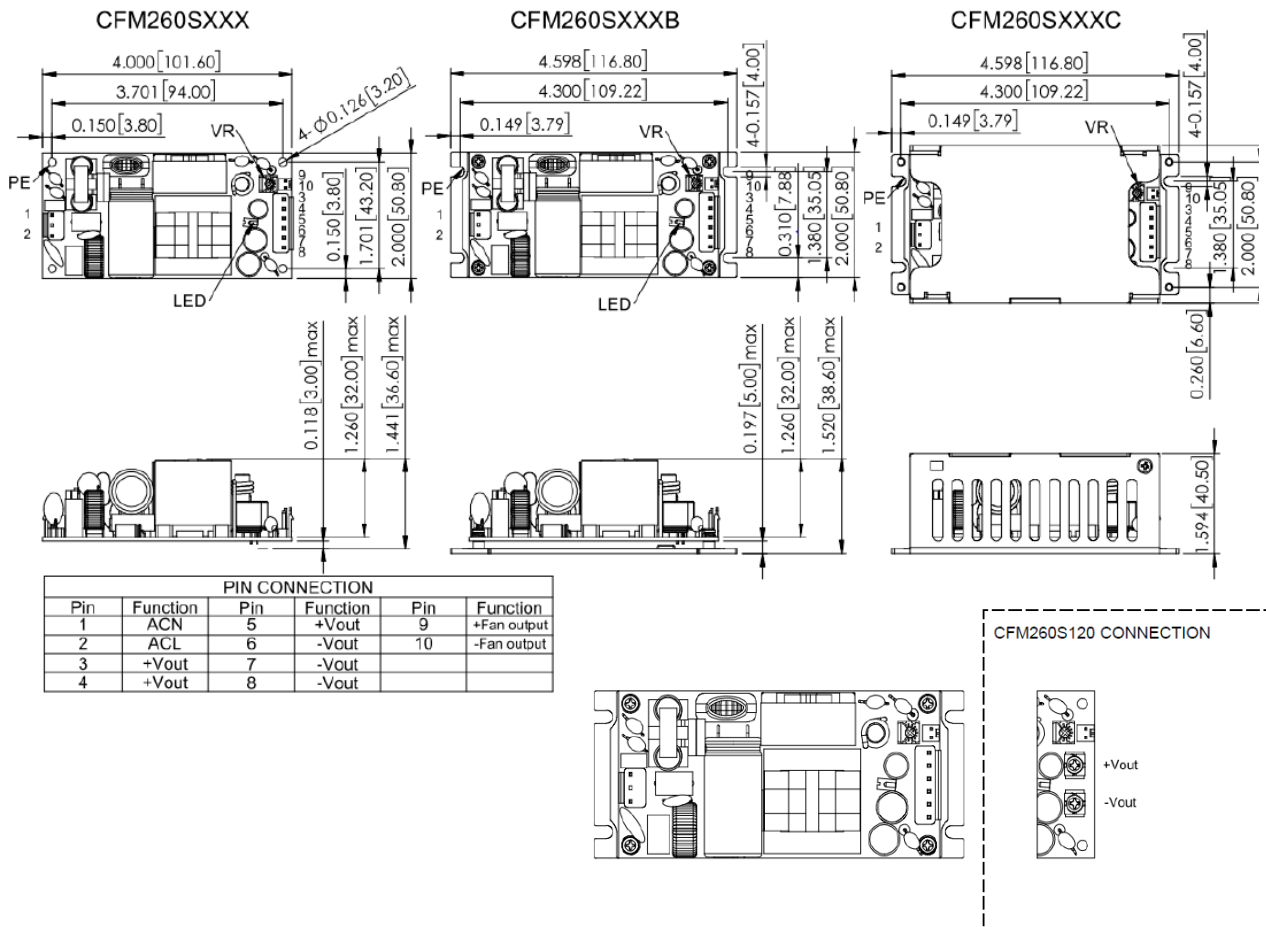
Specifications are subject to change without notice, E&OE. ALL PSU Terms & Conditions Apply.

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Mechanical Details



NOTES:

1. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.
2. Voltage accuracy is set at 60% rated load and 25°C Ta.
3. Line regulation is measured from High Line to Low Line with rated load.
4. Load regulation is measured from full to 10% rated.
5. Typical efficiency at 230 VAC and full load at 25°C.
6. Safety - (EN61558-1) altitude of 3000 meters.
7. Input connectors wafer (CN1) with TAIWAN KING PIN TERMINAL PVHI series and mate with JST Housing VHR series or equivalent.
8. Fan output connector wafer (CN3) with Chyao shiunn JS-6001 series and mate with Chyao shiunn Housing JS-8001 series or equivalent.
9. The terminal type of the output voltage 12V model can only use screws, and the rest can be selected.
10. Option connection: Output connectors (Vo+ & Vo- with M3 screw) mate with round terminal and round terminal of the max outer diameter is 6.75mm, max inner diameter is 3.9mm

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