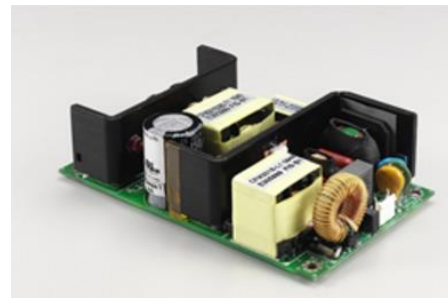


200 Watt, CFM201S Series , Open Frame Power Supply



electronic powersolutions

- Universal AC Input 90~264VAC
- Open Frame with option of Fully Enclosed
- High Efficiency Up To 92%
- Short Circuit, Over Voltage Protected
- Remote Sense and 12 Volt Fan Supply
- Full Approvals: UL/CE
- Compact Size 5 x 3" foot-print
- Over Temperature Protection



Specification

Input Voltage.....	90~264 VAC, 47~63 Hz (100-370 VDC)
Inrush Current.....	100 A @ 240 VAC Max
Output Voltage.....	Single Outputs, See table below (plus min +/-5% trim)
Auxiliary Output.....	12 Volts at up to 0.5 Amps (for fan if required)
Remote Sense.....	Up to 0.5 Volts compensation
Load Regulation.....	+/-1% (10% to Full Load)
Line Regulation.....	+/-0.5% (Low Line to High Line at Full Load)
Over Voltage Protection.....	Hiccup mode, Auto Recovery
Short Circuit Protection.....	Hiccup mode, Auto Recovery
Hold Up Time.....	10 ms, min @ 115 VAC
Ripple	120mV (12Volt O/P) 150mV (all other O/P Voltages)
Input to Output Isolation.....	I/P-O/P: 4,242 VDC
Operating Temperature	-20 to +80 °C, see derating curves
Storage Temperature.....	-20 to +85 °C
Switching Frequency.....	80-100 KHz typ
Safety Standards.....	UL60950-1 2 nd Edition, IEC60950-1, CE, EN60950-1
EMC.....	EN55022 class B, FCC Part 15 Class B EN55024, EN61000-6-3, EN61000-6-1, EN61000-3-2,3 EN61204-3
Mechanical, Standard open frame.....	127 x 76.2 x 35 mm
Mechanical, with optional cover.....	136 x 88 x 49 mm
Connections Input & Output.....	Molex plug in connectors

Models and Ratings

Model	Output Voltage	Max Current Convection Cooled	Max Current Fan Cooled	Efficiency
CFM201S120	12.0 V	12.5 A	16.67 A	89%
CFM201S240	24.0 V	6.25 A	8.34 A	90%
CFM201S360	36.0 V	4.17 A	5.56 A	91%
CFM201S480	48.0 V	3.13 A	4.17 A	92%

Note : Request unit with optional metal safety cover if required, suffix -C

Please see next page for mechanical drawings and derating.

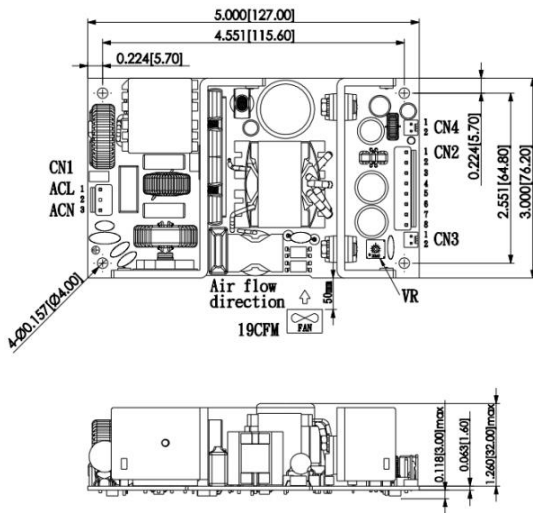
**ALL PSU Ltd, Unit D6 Laser Quay, Culpeper Close, Medway City Estate,
Rochester, Kent, ME2 4HU, Tel : 01634 725527, Fax : 01634 739111
Email : sales@allpsu.co.uk, Web : www.allpsu.co.uk**

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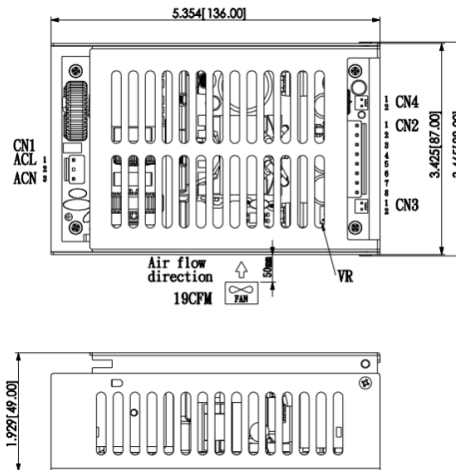


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Mechanical Drawings. Open Frame and Fully Cased



Covered Versions (-C)



CN1:
PIN CONNECTION

Pin	Function
1	ACL
2	-
3	ACN

CN2:
PIN CONNECTION

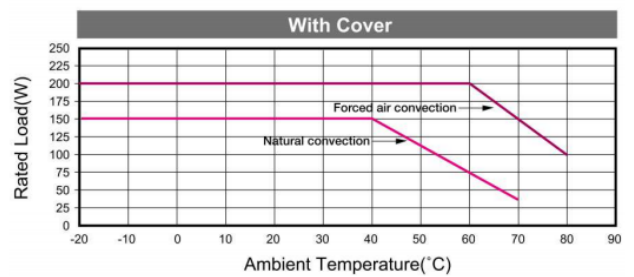
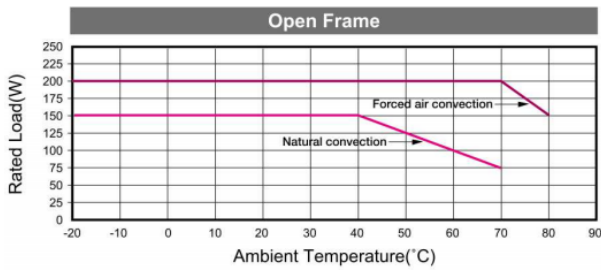
Pin	Function	Pin	Function
1	Vout(+)	5	Vout(-)
2	Vout(+)	6	Vout(-)
3	Vout(+)	7	Vout(-)
4	Vout(+)	8	Vout(-)

CN3:
PIN CONNECTION

Pin	Function
1	Rs+
2	Rs-

CN4:
PIN CONNECTION

Pin	Function
1	FAN V+
2	FAN V-



Specifications may change without notice. E&OE. ALL PSU Terms & Conditions apply.

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