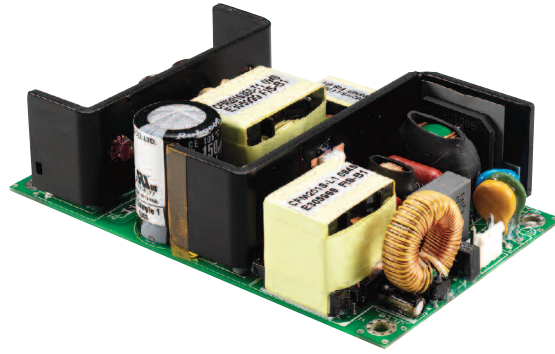


CFM 201S Series

200 WATTS - AC/DC SINGLE OUTPUT

FEATURES

- Universal Input 90 ~ 264Vac
- Active PFC Meets EN61000-3-2
- Conductive EMI Meets CISPR/FCC Class B
- High Efficiency at 92% Typical
- Remote Voltage Sense
- Over temperature protection



SPECIFICATIONS

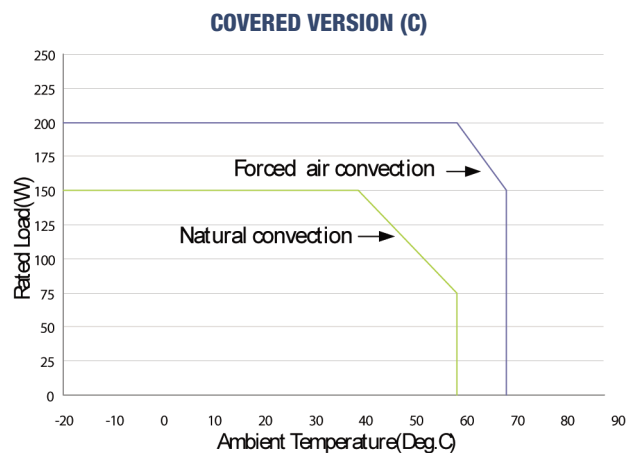
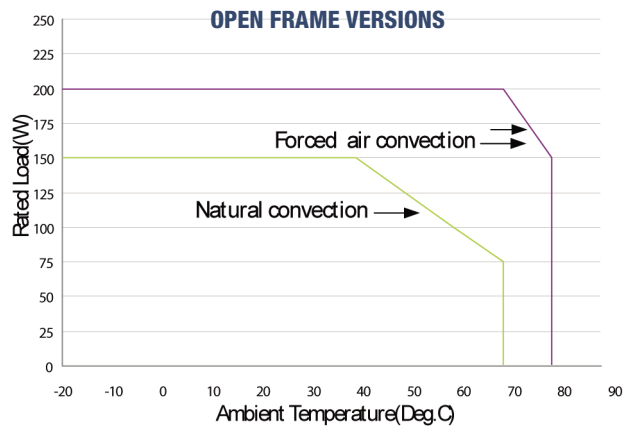
INPUT	
Input voltage	90-264Vac
Input current	2.1A/115Vac, 1.1A/230Vac
Frequency	47 to 63Hz
Inrush current	100A max. @240Vac Cool Start
Isolation	Input to output = 4242VDC
Leakage current	3.5mA max
OUTPUT	
Output power	200W
Over voltage protection	Hiccup mode(Auto Recovery)
Hold up time	10ms typ@115Vac
Short circuit protection	Auto recovery
Over temp. protection	Auto recovery.
Temperature coefficient	±0.05 %°C
ENVIRONMENTAL	
Operating temperature humidity	93% max. non-condensing
Operating temperature	-20~80°C (see derating curve)
Operating altitude	2000m
Storage temperature	-20~85°C
Cooling	Natural convection for 150W and forced air convection(19CFM FAN) for 200W
STANDARDS	
EMI Standards	CISPR/FCC Class B
C-Tick	AS/NZS CISPR11, Group 1, Class A

SELECTION TABLE

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT		MIN. LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	VOLTAGE ADJ. RANGE	LOAD REGULATION	EFF. TYP.
		RATED1	RATED2							
CFM201S120	+12 V	16.67A	12.5A	0 A	120mV	± 1%	± 0.5%	11.4~12.6	± 1%	89%
CFM201S240	+24 V	8.34A	6.25A	0 A	150mV	± 1%	± 0.5%	22.8~25.2	± 1%	90%
CFM201S360	+36 V	5.56A	4.17A	0 A	150mV	± 1%	± 0.5%	34.2~37.8	± 1%	91%
CFM201S480	+48 V	4.17A	3.13A	0 A	150mV	± 1%	± 0.5%	45.6~50.4	± 1%	92%
FAN OUTPUT VOLTAGE										
All	+12V	0.5A		0A	120mV	± 3%	± 1%	--	± 5%	--

NOTE: 1. Rated1: Forced air convection
2. Rated2: Natural convection

DERATING CURVE



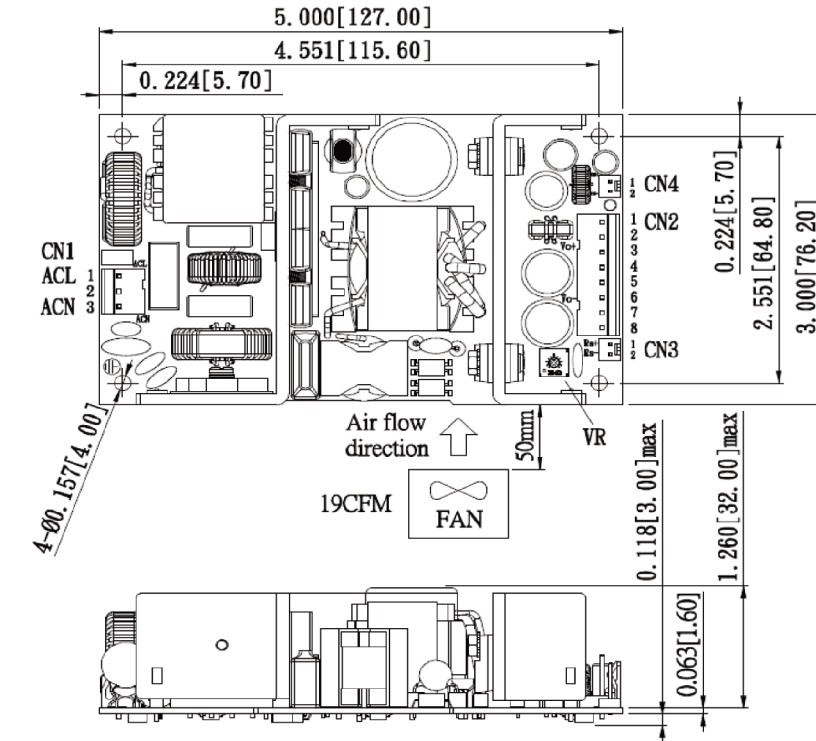
OPEN FRAME & ENCLOSED

CFM 201S Series

200 WATTS - AC/DC SINGLE OUTPUT

TECHNICAL ILLUSTRATIONS

OPEN FRAME & ENCLOSED



CN1:
PIN CONNECTION

Pin	Function
1	ACL
2	-
3	ACN

CN2:
PIN CONNECTION

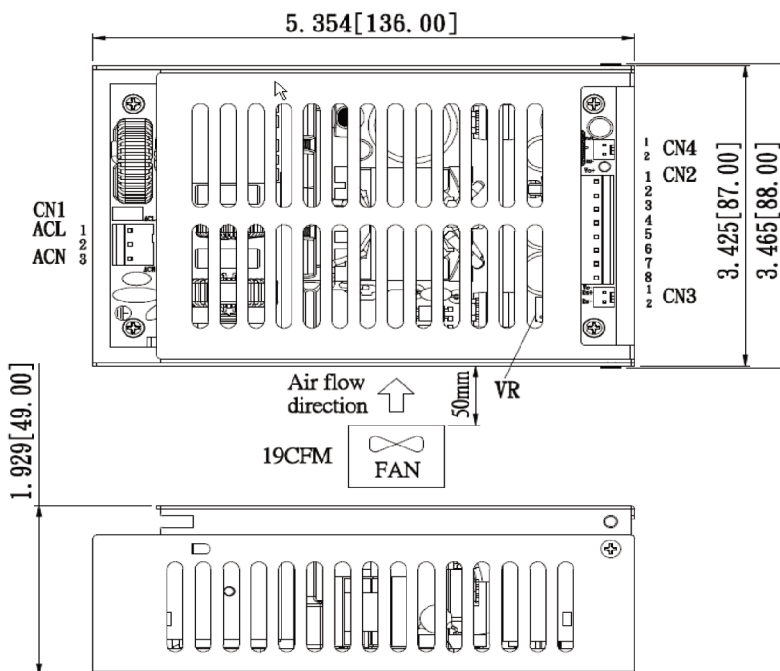
Pin	Function	Pin	Function
1	Vout(+)	5	Vout(-)
2	Vout(+)	6	Vout(-)
3	Vout(+)	7	Vout(-)
4	Vout(+)	8	Vout(-)

CN3:
PIN CONNECTION

Pin	Function
1	Rs+
2	Rs-

CN4:
PIN CONNECTION

Pin	Function
1	FAN V+
2	FAN V-



Typical at 25°C, nominal line and 60% load, unless otherwise Specified.