



400W/450W/500W

FEATURES

- Fan Speed Control
- Power Good Signal
- OVP
- OCP
- OTP
- Active PFC
- Full Range AC Input
- Ball Bearing Fan
- EMI: FCC Class A
- Short Circuit Protection
- Output On/Off Control

INPUT SPEC.

Input Voltage Range	90~265 Vac
Input Frequency Range	47~63Hz
Leakage Current	0.75mA
Input Current	5.2A@100Vac , 3.8A@200Vac
Power Factor	Over 0.95 during 115V and 230Vac with maximum power condition

SAFETY

UL, CSA, TUV, CB, CCC, BSMI

GENERAL SPEC.

Hold-up Time	18ms@Max.Load
Dimensions	240 x 100 x 40 (mm)
Operating Temperature	0 C ~ 45 C
Storage Temperature	-40 C ~ 70 C

EFFICIENCY PERFORMANCE

Model Name (Watt)	20% Load	50% Load	100% Load	PFC
FS9008 (400W)	87%	90%	87%	>0.95
FS8027 (450W)	87%	90%	87%	>0.95
FS9009 (500W)	87%	90%	87%	>0.95

OUTPUT SPEC.

Voltage	Regulation	Min. Load			Max. Load			Peak Load of +12V		
	400W~500W	400W~500W	400W	450W	500W	400W	450W	500W		
+3.3V	+3.14V ~ +3.46V	0.5A	15A	16A	18A					
+5V	+4.75V ~ +5.25V	0.8A	18A	20A	22A					
+12V1	+11.4V ~ +12.6V	0.5A	16A	16A	18A	18A	18A	19A		
+12V2	+11.4V ~ +12.6V	0.5A	14A	14A	16A	16A	16A	16A		
+12V3	+11.4V ~ +12.6V	0.5A	14A	14A	16A	16A	16A	16A		
-12V	-10.8V ~ -13.2V	0.0A	0.5A	0.5A	0.5A					
+5Vsb	+4.75V ~ +5.25V	0.1A	2.0A	2.0A	2.0A					

Note1: Combined +3.3V and +5V power shall not exceed 140W.
 Note2: Combined +12V maximum load shall not exceed 30A/400W, 32A/450W, 34A/500W.
 Note3: Combined +12V peak load shall not exceed 32A/400W, 34A/450W, 39A/500W.

OUTLINE DRAWING

