



250W/300W/350W

**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.**

<b>Input Voltage Range</b>	90~265 Vac
<b>Input Frequency Range</b>	47~63Hz
<b>Leakage Current</b>	0.75mA
<b>Input Current</b>	7.8A@100Vac , 3.8A@200Vac
<b>Power Factor</b>	Over 0.95 during 115V and 230Vac with maximum power condition

**SAFETY**

**UL, CSA, TUV, CB, CCC, BSMI**

**GENERAL SPEC.**

<b>Hold-up Time</b>	18ms@Max.Load
<b>Dimensions</b>	220 x 84 x 40 (mm)
<b>Operating Temperature</b>	0°C ~ 45°C
<b>Storage Temperature</b>	-40°C ~ 70°C

**EFFICIENCY PERFORMANCE**

Model Name (Watt)	20% Load	50% Load	100% Load	PF
FS8007 (250W)	82%	85%	82%	>0.95
FS8016 (300W)	82%	85%	82%	>0.95
FS8017 (350W)	82%	85%	82%	>0.95

**OUTPUT SPEC.**

Voltage	Regulation	Min. Load	Max. Load			Peak Load of +12V		
	250W~350W	250W~350W	250W	300W	350W	250W	300W	350W
+3.3V	+3.14V ~ +3.46V	0.5A	15A	15A	15A			
+5V	+4.75V ~ +5.25V	1.0A	20A	25A	25A			
+12V1	+11.4V ~ +12.6V	0.6A	16A	16A	16A	18A	18A	19A
+12V2	+11.4V ~ +12.6V	0.6A	12A	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: 250W Combined +3.3V and +5V power shall not exceed 110W.
- Note2: 300W Combined +3.3V and +5V power shall not exceed 140W.
- Note3: 350W Combined +3.3V and +5V power shall not exceed 140W.
- Note4: Combined +12V maximum load shall not exceed 21A/250W, 22A/300W, 24A/350W.
- Note5: Combined +12V peak load shall not exceed 25A/250W, 26A/300W, 28A/350W.

**OUTLINE DRAWING**

