

Switch Mode Power Supply -Flex ATX v1.0- SS-200/250SU Active PFC



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Features:

- Specification compliance: Flex ATX v1.0
- Forward converter circuit
- High efficiency and reliability
- Zero minimum load on 3.3V rail
- Low ripple & noise
- Super low noise fan control
- Short circuit protection on all outputs
- Over voltage protection
- Over power protection
- 100% hi-pot test
- 100% burn in, high temperature cycled on/off
- PFC harmonics compliance: EN61000-3-2 +A1 +A2

DC Outputs:

Model	DC Outputs					Total power	Input type
	+3.3V	+5V	+12V Combined	-12V	+5Vsb		
SS-250SU APFC F0 (80PLUS Bronze)	14A	17A	18A	0.8A	2A	250W	Full range
	110W ¹		216W				
SS-200SU APFC F0 (80PLUS)	14A	17A	14A	0.8A	2A	200W	Full range
	110W ¹		168W				

Remarks: 1. Combined +3.3VDC & +5VDC maximum power

Electrical Specifications:

- Input frequency: 50/60Hz
- Inrush current, cold start: 80A max.
- Efficiency, at normal input voltage: >80% (250SU only)
- Dielectric withstand, input to frame/ground: 1800VAC, 1sec.
- Dielectric withstand, input to output: 1800VAC, 1sec.
- Line regulation: +/-1% typical
- Load regulation: +/-5% typical
- Cross regulation: +/-5% typical
- Ripple / Noise: 1%
- MTBF full load @ 25°C amb. (Excluding the DC fan) : >100K hours
- Power Factor Correction: Active PFC 99% typical

Safety: CUL, TUV, CB, CCC, BSMI, GOST-R

EMC: CE, FCC. C-tick

Specification may change without prior notice

Dimension: L150 x W81.5 x H40.6mm
(5.9" x 3.2" x 1.6")

Fan type: 40 x 40mm

Connectors: Main Power (24/20P) x 1
ATX12V (4P) x 1
Peripherals: SATA, HDD, FDD

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