

ATX12V v.1.2 Series

SS-xxxFS/SS-xxxFD series

colorful retail box available



Features:

- Specification compliance: ATX12V v.1.2 & ATX2.03
- Forward converter circuit
- High efficiency and reliability
- 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
- EMI/RFI compliance: FCC part 15 class B
- Safety compliance: C-UL, CB, TUV, D, S, N & FI

Electrical Specification:

- Input frequency: 50/60Hz
- In-rush current, cold start: 80A max.
- Hold up time, full load: 16ms. typical
- Efficiency: 110-120VAC, full load: >65% typical
- Efficiency: 220-240VAC, full load: >70% typical
- 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.: >100k hrs, will vary w/fan type

DC Output & Features:

Model	DC outputs						Total power	Input voltage selectable	Pentium4 connectors	Auxiliary 6P connectors	AMD compatible	Dual fan
	+3.3V	+5V	+12V	-5V	-12V	+5Vsb						
SS-250FS	20A	25A	13A/16A ²	-- / (0.3A) ⁴	0.8A	2A	250w	Yes	Yes	Yes	Yes	--
	150w(33A) ¹			0.8A ³								
SS-300FS	28A	30A	15A/18A ²	-- / (0.3A) ⁴	0.8A	2A	300w	Yes	Yes	Yes	Yes	--
	180w(40A) ¹			0.8A ³								
SS-350FS	28A	30A	17A/20A ²	-- / (0.3A) ⁴	0.8A	2A	350w	Yes	Yes	Yes	Yes	--
	180w(40A) ¹			0.8A ³								
SS-350FD	28A	30A	17A/20A ²	-- / (0.3A) ⁴	0.8A	2A	350w	Yes	Yes	Yes	Yes	Yes
	180w(40A) ¹			0.8A ³								

Remarks: 1. Combined +3.3VDC & +5VDC maximum power
2. Peak power
3. Combined -5VDC & -12VDC maximum power
4. Optional -5V of 0.3A

specification may change without prior notice



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