

Switch Mode Power Supply

ATX12V v.2.01~ 12cm fan - Active PFC -



Dimension: L150 x W140 x H86mm
(5.9" x 5.5" x 3.4")

Features

- Specification compliance: ATX12V v2.01
- Support Pentium 4 Prescott & Athlon 64/64 FX
- PCI Express & BTX ready
- 150W PCI Express Graphics ready with 6P VGA connector (SS-500HT/SS-600HT)
- 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

AC input voltage & DC output

Model	DC output						Total power	Input voltage	
	+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb		Full range	Fixed 220V
SS-400HT Active PFC	30A	30A	14A	15A	0.8A	2A	400W	Yes	---
	150W Max. ¹		348W		9.6W	10W			
SS-500HT Active PFC	30A	30A	17A	16A	0.8A	2A	500W	Yes	---
	180W Max. ¹		396W		9.6W	10W			
SS-600HT Active PFC	30A	30A	18A	18A	0.8A	2A	600W	Yes	---
	180W Max. ¹		432W		9.6W	10W			

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

specification may change without prior notice

Electrical Specification

Input frequency:	50/60Hz
In-rush current, cold start:	80A max.
Hold up time, full load:	16ms. typical
Efficiency:	at normal input voltage >70%
	at AC 115v 60Hz 74% typical
	at AC 230v 50Hz 77% 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. Excluding the DC fan:	>100k hrs
Power Factor Correction: Active PFC	99% typical

Safety compliance



EMI/RFI compliance

