

Switch Mode Power Supply

ATX12V v.2.2~ 12cm fan Active PFC



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



Features

Specification compliance: ATX12V v2.2 & EPS12V v2.9
Support the latest Intel & AMD Socket
PCI Express & Serial ATA ready
Double 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						Input voltage	
	+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb	Total power	Full range
SS-500ET Active PFC	24A	24A	17A	17A	0.8A	2.5A	500W	Yes
	130W Max. ¹		408W ²		9.6W	12.5W		Yes
SS-400ET Active PFC	20A	20A	17A	17A	0.8A	2.5A	400W	Yes
	130W Max. ¹		360W ²		9.6W	12.5W		Yes
SS-350ET Active PFC	20A	20A	17A	17A	0.8A	2.5A	350W	Yes
	130W Max. ¹		324W ²		9.6W	12.5W		Yes
SS-300ET Active PFC	18A	20A	17A	17A	0.8A	2.5A	300W	Yes
	120W Max. ¹		288W ²		9.6W	12.5W		Yes

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

specification may change without prior notice

Electrical Specification

Input frequency: 47/63Hz
In-rush current, cold start: 100A max.
Hold up time, full load: 10ms. typical
Efficiency: at normal input voltage $\geq 80\%$
at AC 110v 60Hz 75% typical
at AC 220v 50Hz 78% typical
Optional 80PLUS at normal input voltage $\geq 80\%$
Line regulation: '+/- 1% typical
Load regulation: '+/- 5% typical
Cross regulation: '+/- 5% typical
Ripple / noise: 1%
Standby mode <5W
MTBF, full load @ 25°C amb. Excluding the DC fan: >100k hrs
Power Factor Correction: Active PFC 99% typical

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Safety compliance

CUL, TUV, CB, CCC

EMI/RFI compliance

CE, FCC, C-tick

ISO 14001



REGISTERED FIRM



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