

# Switch Mode Power Supply -ATX12V v2.31- SS-XXXET Active PFC



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## Features:

- Specification compliance: ATX12V v2.31
- 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

## DC outputs:

Model	DC Outputs					Total power	Input type	
	+3.3V	+5V	+12V Combined	-12V	+5Vsb		Full range/Fixed 220V	
SS-600ET Active PFC	24A	24A	46A	0.8A	2.5A	600W	Yes	Yes
	130W <sup>1</sup>		552W	9.6W	12.5W			
SS-500ET Active PFC	24A	24A	34A	0.8A	2.5A	500W	Yes	Yes
	130W <sup>1</sup>		408W	9.6W	12.5W			
SS-400ET Active PFC	20A	20A	30A	0.8A	2.5A	400W	Yes	Yes
	130W <sup>1</sup>		360W	9.6W	12.5W			
SS-350ET Active PFC	20A	20A	27A	0.8A	2.5A	350W	Yes	Yes
	130W <sup>1</sup>		324W	9.6W	12.5W			
SS-300ET Active PFC	18A	20A	24A	0.8A	2.5A	300W	Yes	Yes
	120W <sup>1</sup>		288W	9.6W	12.5W			

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

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

## Connectors:

- Main Power (24/20P) x 1
- ATX12V (4P) x 1
- ATX12V (8P/4P)x 1(500/580W)
- Peripherals: SATA, HDD, FDD

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## Electrical Specifications:

- Input frequency: 47/63 Hz
- Inrush current, cold start: 100A max.
- Efficiency: at normal input voltage  $\geq 82\%$
- Line regulation:  $\pm 1\%$  typical
- Load regulation:  $\pm 5\%$  typical
- Cross regulation:  $\pm 5\%$  typical
- Ripple / noise: 1%
- MTBF, full load @ 25°C amb. Excluding the DC fan: >100k hrs
- Power Factor Correction: 99% typical

**Safety:** CUL, TUV, CB, CCC

**EMC:** CE, FCC, C-tick

Specification may change without prior notice

