

**Switch Mode Power Supply -ATX12V v2.3-  
SS-750/850HT Active PFC**



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**Features:**

- Comply with the latest Intel ATX12V v2.3 Specification
- Support the latest Intel & AMD Socket
- PCI Express & Serial ATA ready
- DC to DC converter design
- 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		
SS-850HT Active PFC	24A	30A	70A	0.8A	3A	850W	Full range
	150W <sup>1</sup>		840W	9.6W	15W		
SS-750HT Active PFC	24A	30A	62A	0.8A	3A	750W	Full range
	150W <sup>1</sup>		744W	9.6W	15W		

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

**Electrical Specifications:**

- Input frequency: 47/63 Hz
- Inrush current, cold start: 100A max.
- Efficiency, at normal input voltage: > 85%
- Line regulation: +/-1% typical
- Load regulation: +/-5% typical
- Cross regulation: +/-5% typical
- Ripple / noise: 1%
- MTBF, full load @ 25°C amb. : >100K hours  
(Excluding the DC fan)
- Power Factor Correction: Active PFC 99% typical

**Safety:** CUL, TUV, CB, N, S, D, FI, GOST-R

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

Specification may change without prior notice

**Dimension:** L150 x W160 x H86mm  
(5.9" x 6.3" x 3.4")

**Connectors:**

- Main Power (24/20P) x 1
- ATX12V (8P/4P) x 1
- ATX12V (8P) x 1
- PCI Express(8P/6P) x 2
- PCI Express(6P) x 2
- Peripherals: SATA, HDD, FDD

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