

Switch Mode Power Supply

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



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



Model with fan guard (optional)

Features

- Specification compliance: ATX12V v2.01
- Support Pentium 4 Prescott & Athlon 64/64 FX
- PCI Express & BTX ready
- 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-301HT Active PFC | 20A | 20A | 8A | 14A | 0.8A | 2A | 300W | Yes | Yes |
| | 120W Max. ¹ | | 264W | | 9.6W | 10W | | | |
| SS-351HT Active PFC | 22A | 21A | 10A | 15A | 0.8A | 2A | 350W | Yes | Yes |
| | 130W Max. ¹ | | 300W | | 9.6W | 10W | | | |
| SS-401HT Active PFC | 30A | 30A | 14A | 15A | 0.8A | 2A | 400W | Yes | Yes |
| | 150W Max. ¹ | | 348W | | 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: | >70% |
| at normal input voltage | |
| 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

