

Switch Mode Power Supply

ATX12V v.2.2~ 12cm fan - Active PFC -



www.seasonic.com



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 v2.2
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							Input voltage	
	+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb	Total power	Full range	Fixed 220V
SS-401HT Active PFC	30A	30A	14A	15A	0.8A	2A	400W	Yes	Yes
	120W Max ¹		348W		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-301HT Active PFC	20A	20A	8A	14A	0.8A	2A	300W	Yes	Yes
	150W Max ¹		264W		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

Sea Sonic Electronics Co., Ltd.

Head Office:

8F, #19, Alley 360, Sec. 1, Neihu Road,
Neihu, Taipei, Taiwan, R.O.C.
Tel: +886 2 2659 0338
Fax: +886 2 2659 0530
sales@seasonic.com.tw
www.seasonic.com

Factories:

I. Tao Yuan, Taiwan.
II. Dong Guan, China.

USA office:

Tel: +1 626 969 9966
Fax: +1 626 969 9986
usa@seasonic.com

Safety compliance



EMI/RFI compliance



ISO 14001



REGISTERED FIRM



REGISTERED FIRM