

Switch Mode Power Supply -SFX12V v3.1- SS-250/300SFD Active PFC



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Features:

- Specification compliance: SFX12V v3.1
- 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		
SS-300SFD Active PFC	20A	20A	22.5A	0.8A	2A	300W	Full range
	125W ¹		270W	9.6W	10W		Fixed 220V
SS-250SFD Active PFC	20A	20A	20A	0.8A	2A	250W	Full range
	100W		240W	9.6W	10W		Fixed 220V

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

Dimension: L125 x W100 x H76.5mm
(4.9" x 3.9" x 3.0")

Connectors:

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

Electrical Specifications:

- Input frequency: 50/60 Hz
- Inrush current, cold start: 100A max.
- Hold up time, full load: 16ms. typical
- Efficiency, at normal input voltage: > 82%
- Dielectric withstand, input to frame/ground: 1800VAC, 1sec
- Dielectric withstand, input to : 1800VAC, 1sec
- 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, CCC, BSMI

EMC: CE, FCC

Specification may change without prior notice

Sea Sonic Electronics Co., Ltd.
www.seasonic.com
sales@seasonic.com.tw
Tel: +886 2 2659 0338
Fax: +886 2 2659 0530

Seasonic Electronics Inc.
www.seasonicusa.com
usa@seasonic.com
Tel: +1 626 969 9966
Fax: +1 626 969 9986

Sea Sonic Europe B.V.
europe@seasonic.com
Tel: +31 (0)10-2262131
Fax: +31 (0)10-2519947

