

Switch Mode Power Supply

SFX12V v3.0 - Active PFC -



Dimension: L100 x W125 x H76.5mm
(3.9" x 4.9" x 3.0")

SS-300SFD Active PFC



Dimension: L130 x W125 x H64mm
(5.1" x 4.9" x 2.5")

SS-300SFE Active PFC



Features

Specification compliance: SFX12V v3.0 & AMD Athlon
Pentium 4 ready with P4 connectors
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 Output & Features

Model	DC output					Total power	Input type
	+3.3V	+5V	+12V1	+12V2	+5Vsb		
SS-300SFD Active PFC	20A	20A	8A	14.5A	0.8A	2A	300W
	125W/28A						Full range Fixed 220V
SS-300SFE Active PFC	20A	20A	8A	14.5A	0.8A	2A	300W
	125W/28A						Full range Fixed 220V

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

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Safety compliance



EMI/RFI compliance



ISO9001
REGISTERED FIRM