

Switch Mode Power Supply Industrial mini 1U Rackmount - Active PFC -



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SS-200/250SU APFC F0



Dimension: L150.0 X W81.5 X H40.6 mm

Features

- Follow Intel FLEX ATX power design guide.
- Forward converter circuit
- 80% high efficiency
- Zero minimum load on 3.3v Rail
- Low profile design
- High reliability ball bearing fan
- Low ripple & noise
- Short circuit protection on all outputs
- Over voltage protection
- Over Power protection
- 100% hi-pot test
- 100% burn in, high temperature cycled on/off
- PFC harmonics compliance:EN61000-3-2 +A1 +A2

Electrical Specifications

Input frequency	50 / 60 Hz
In-rush current, cold start	80A max.
Hold up time, full load	12 mS typical.
Efficiency:220-240VAC, full load	80% typical.
Efficiency:100-120VAC and full range	75% 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.	>100K hrs, will vary w/fan type
Active PFC, full load	0.99 typical

Output Specifications

Model	DC output						Total power	Input type	Fan type
	+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb			
SS-250SU APFC F0	14A	17A	8A	14A	0.8A	2A	250W	Full range	4020mm
	110W		216W						
SS-200SU APFC F0	14A	17A	6A	12A	0.8A	2A	200W	Full range	4020mm
	110W		168W						

specification may change without prior notice

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Safety compliance:CUL, TUV ,CB ,CCC ,GOST-R

EMI / RFI compliance:CE, FCC

ISO 14001



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