

Switch Mode Power Supply Industrial 2U Rackmount - Active PFC -

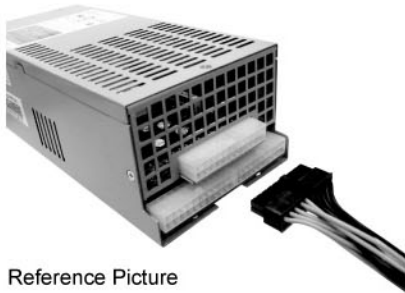


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SS-xxxH2U Active PFC



Dimension: L225.0 X W100.0 X H70.0 mm



Reference Picture



Features

- Specification compliance: Intel EPS2U v2.1 and ATX12V v2.0
- Forward converter circuit
- Super high efficiency and reliability for industrial level
- Easy swap connector design
- High reliability ball bearing fan
- Low ripple & noise
- Smart & Silent Fan Control (S2FC)
- Zero minimum load on 3.3V rail
- 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: IEC1000-3-2 / EN61000-3-2 standards

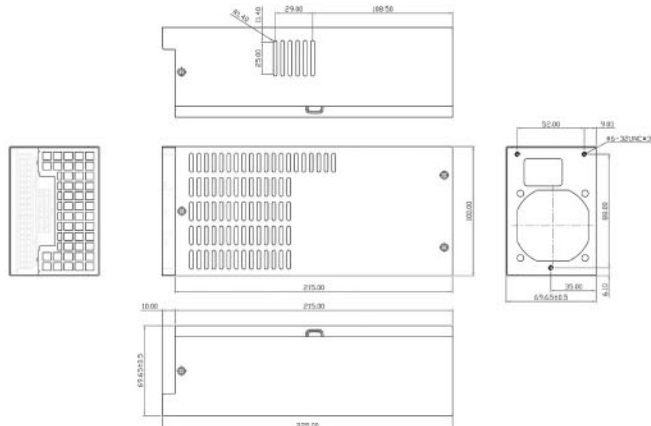
Electrical Specifications

Input frequency	50 / 60 Hz
In-rush current, cold start	100A max.
Hold up time, full load	12 mS typical
Efficiency, 220-240VAC, full load	83% typical
Efficiency, 100-120VAC and full range	80% 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 @25C°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-400H2U Active PFC	20A	21A	16A	17A	0.8A	3A	400W	Full range	60x60mm
	130W		348W		9.6W	15W			
SS-460H2U Active PFC	20A	21A	18A	18A	0.8A	3A	460W	Full range	60x60mm
	130W		384W		9.6W	15W			

specification may change without prior notice



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Safety compliance: CUL, TUV, CB, CCC, BSMI

EMI / RFI compliance: CE, FCC, C-tick



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