

Industrial 2U Rackmount -Active PFC-

SS-400/460/520H2U Active PFC



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Dimension: L225 x W100 x H40mm
(8.9" x 3.9" x 2.7")

Fan type: 38 x 38mm

Connectors:

Customized modular cables

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Features:

- Specification compliance: Intel EPS12V
- Forward converter circuit
- 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

DC Outputs:

Model	DC Outputs					Total power	Input type
	+3.3V	+5V	+12V Combined	-12V	+5Vsb		
SS-520H2U Active PFC	20A	21A	37A	0.8A	3A	520W	Full range
	130W		444W				
SS-460H2U Active PFC	20A	21A	32A	0.8A	3A	460W	Full range
	130W		384W				
SS-400H2U Active PFC	20A	21A	29A	0.8A	3A	400W	Full range
	130W		348W				

Electrical Specifications:

- Input frequency: 50 / 60 Hz
- Inrush current, cold start: 100A max.
- Hold up time, full load: 12ms. typical
- Efficiency, 220-240VAC, full load: 83% typical
- Efficiency, 100-120VAC, full load: 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@25°C amb. (Excluding the DC fan):>100K hours
- Power Factor Correction: Active PFC 99% typical

Safety: CUL, TUV, CB, CCC, BSMI

EMC: CE, FCC, C-tick

Specification may change without prior notice

