

Industrial 1U Rackmount -Active PFC- SS-520H1U Active PFC



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Features:

- Specification compliance: Intel EPS1U v2.93 and ATX12V v2.2
- 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)
- 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-520H1U Active PFC	20A	25A	40A	0.8A	3A	520W	Full range
	150W		480W				

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: >80%
- 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 hours
(Excluding the DC fan)
- Power Factor Correction: Active PFC 99% typical

Safety: CUL, TUV, CB, CCC

EMC: CE, FCC

Specification may change without prior notice

Dimension: L270 x W100 x H40mm
(10.6" x 3.9" x 1.6")

Fan type: 38 x 38mm

Connectors:

Customized modular cables

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