

Industrial 2U Rackmount -Active PFC- SS-600H2U Active PFC



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Dimension: L270 x W100 x H70mm
(10.6" x 3.9" x 2.7")

Fan type: 60 x 60mm

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)
- 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-600H2U Active PFC	20A	25A	45A	0.8A	3A	600W	Full range
	150W ¹		540W				

Remarks: 1. Combined +3.3VDC & +5V DC maximum power

Electrical Specifications:

- Input frequency: 50 / 60 Hz
- Inrush current, cold start: 100A max.
- Hold up time, full load: 16ms. 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

EMC: CE, FCC

Specification may change without prior notice

