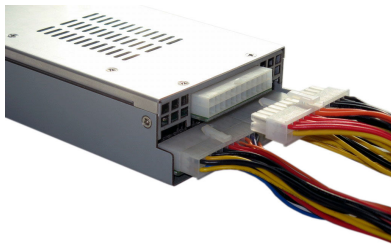


# Industrial 1U Rackmount -Active PFC- SS-400/460H1U Active PFC



www.seasonic.com



## 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 (S<sup>2</sup>FC)
- 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-460H1U Active PFC	20A	21A	34A	0.8A	3A	460W	Full range
	130W		408W				
SS-400H1U 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.
- 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. : >100K hours  
(Excluding the DC fan)
- Power Factor Correction: Active PFC 99% typical

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

**EMC:** CE, FCC, C-tick

Specification may change without prior notice

**Dimension:** L235 x W100 x H40mm  
(9.3" x 3.9" x 1.6" )

**Fan type:** 38 x 38mm

### Connectors:

Customized modular cables

Sea Sonic Electronics Co., Ltd.  
www.seasonic.com  
sales@seasonic.com.tw  
Tel: +886 2 2659 0338  
Fax: +886 2 2659 0530

Seasonic Electronics Inc.  
www.seasonicusa.com  
usa@seasonic.com  
Tel: +1 626 969 9966  
Fax: +1 626 969 9986

Sea Sonic Europe B.V.  
europe@seasonic.com  
Tel: +31 (0)10-2262131  
Fax: +31 (0)10-2519947

