

# Switch Mode Power Supply -SFX12V v3.1- SS-350SFE Active PFC



www.seasonic.com



## Features:

- Specification compliance: SFX12V v3.1
- Pentium 4 ready with P4 connectors
- Forward converter circuit
- High efficiency and reliability
- Low ripple & noise
- Super low noise fan control
- Short circuit protection on all outputs
- Over voltage protection
- Over power protection
- 100% hi-pot test
- 100% burn in, high temperature cycled on/off

## DC Outputs:

| Model                | DC Outputs        |     |               |      |       | Total power | Input type |
|----------------------|-------------------|-----|---------------|------|-------|-------------|------------|
|                      | +3.3V             | +5V | +12V Combined | -12V | +5Vsb |             |            |
| SS-350SFE Active PFC | 20A               | 20A | 26A           | 0.8A | 2A    | 350W        | Full range |
|                      | 125W <sup>1</sup> |     | 312W          |      |       |             | Fixed 220V |

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

## 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 : 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

**Dimension:** L130 x W125 x H64mm  
(5.1" x 4.9" x 2.5")

### Connectors:

Main Power (24/20P) x 1  
ATX12V (4P) x 1  
Peripherals: SATA, HDD, FDD

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

Specification may change without prior notice

