

Features:

- Specification compliance: Intel SFX/SFX12V v2.0
- 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
- PFC harmonics compliance: EN61000-3-2 + A1 + A2
- EMC compliance: CE, CISPR22, C-tick & FCC part 15 class B
- Safety compliance: VDE, TUV, D, N, S, Fi, UL, C-UL & CB

Electrical Specification:

- Input frequency: 50/60Hz
- In-rush current, cold start: 80A max.
- Hold up time, full load: 16ms. typical
- Efficiency; 220-240VAC, full load: >70%
- Efficiency; 100-120VAC and full range: >65%
- 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 hrs, will vary w/fan type
- Active PFC, 220VAC, full load: 0.98 typical

DC Output & Features:

Model	DC outputs					Total power	Input voltage		PFC options	AMD ³ recommended	Pentium 4 connectors
	+3.3V	+5V	+12V	-12V	+5Vsb		full range	220v fixed			
SS-145SFC	10A	14A	3.5A/6A ²	0.5A	2A	145w	Yes	---	Yes		---
	95w ¹										
SS-145SFD	10A	14A	3.5A/6A ²	0.5A	2A	145w	Yes	---	Yes		---
	95w ¹										
SS-170SFC	16.7A	21A	10A/13A ²	0.5A	2A	170w	Yes	---	Yes		Yes
	110w ¹										
SS-180SFD	16.7A	21A	10A/13A ²	0.5A	2A	180w	Yes	---	Yes		Yes
	110w ¹										
SS-200SFC	16.7A	21A	10A/13A ²	0.5A	2A	200w	---	Yes	Yes		Yes
	110w ¹										
SS-200SFD	16.7A	21A	10A/13A ²	0.5A	2A	200w	---	Yes	Yes		Yes
	110w ¹										

Remarks: 1. Combined +3.3VDC & +5VDC maximum power
2. Peak power
3. Always refer to: www1.amd.com/duron/power for latest update.

Back panel options, addition to ac inlet:

T3: ac on/off for fixed input voltage
F3: ac on/off for full range input voltage

SS-xxxSFy series



(shown: SS-xxxSFC)
Dimension: L100 x W125 x H76.5mm



(shown: SS-xxxSFD with PS/3 bracket)
Dimension: L150 x W100 x H86mm



(shown: SS-xxxSFD)
Dimension: L125 x W100 x H76.5mm



specification may change without prior notice



ISO9001
ISO9002
REGISTERED FIRM

Sea Sonic Electronics Co., Ltd.

Head office:

8th Fl., #19 Alley 360, Sec.1, Neihu Road
Neihu, Taipei, Taiwan, ROC
tel: +886 2 2659 0338 fax: +886 2 2659 0530
www.seasonic.com
sales@seasonic.com.tw

Factories:

I. Tao Yuan, Taiwan
II. Dong Guan, China

USA office:

tel: +1 626 969-9966
fax: +1 626 969-9986
usa@seasonic.com

Europe office:

tel: +31 73 644 9288
fax: +31 73 511 2217
netherlands@seasonic.com