

Micro ATX series - SFX/SFX12V - Active PFC -







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

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