



# SWITCH MODE POWER SUPPLY

## SFX 12 V

### SSP-300TGS ACTIVE PFC



### FEATURES:

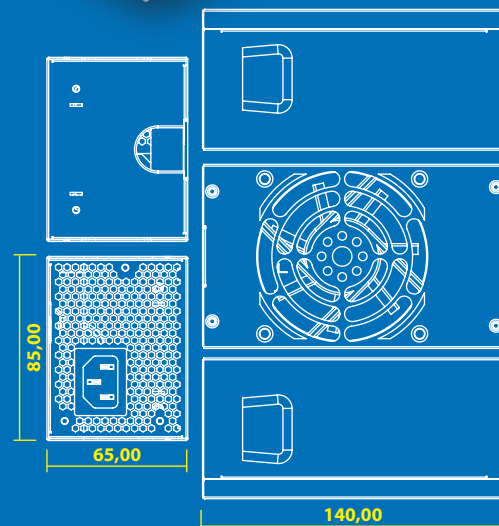
- ✓ SATA-ready
- ✓ DC to DC converter design
- ✓ High efficiency and reliability
- ✓ Low ripple and noise
- ✓ Super low noise fan control
- ✓ Short circuit protection on all outputs
- ✓ Over voltage protection
- ✓ Over power protection
- ✓ 100 % HiPot test
- ✓ 100 % Burn-in, high temperature cycled on/off

### ELECTRICAL SPECIFICATIONS:

| Model      | DC Outputs        |      |                |       |        | Total Power | Input Type  |
|------------|-------------------|------|----------------|-------|--------|-------------|-------------|
|            | +3.3 V            | +5 V | +12 V Combined | -12 V | +5 Vsb |             |             |
| SSP-300TGS | 10 A              | 14 A | 25 A           | 0.3 A | 2 A    | 300 W       | 100-240 VAC |
|            | 70 W <sup>1</sup> |      | 300 W          | 3.6 W | 10 W   |             |             |

\*1 Combined +3.3 V DC and +5 V DC maximum power

|  |                  |
|--|------------------|
| Input frequency                                | 50/60 Hz         |
| Inrush current, cold start                     | 100A max.        |
| Efficiency                                     | 80 PLUS® Gold    |
| Line regulation                                | ± 1 % (typical)  |
| Load regulation                                | ± 5 % (typical)  |
| Cross regulation                               | ± 5 % (typical)  |
| Ripple / Noise                                 | 1 %              |
| MTBF, full load @ 25 °C ambient (excl. DC fan) | >100,000 hrs     |
| Active Power Factor Correction                 | > 95 % (typical) |



### Dimensions:

EA-300TGS  
140 mm (L) x 85 mm (W) x 65 mm (H)  
(5.5" x 3.3" x 2.6")

### Connectors:

Main Power  
ATX 12 V  
Peripherals: SATA, HDD, FDD

### Safety and EMI/EMC:

|        |     |      |
|--------|-----|------|
| CB     | cUL | CCC  |
| ✓      | ✓   | ✓    |
| cTUVus | TUV | BSMI |
| –      | ✓   | ✓    |

### EMI/EMC:

|    |     |     |
|----|-----|-----|
| CE | FCC | RCM |
| ✓  | ✓   | ✓   |



SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.