

Switch Mode Power Supply

SSP-300TGS Active PFC



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Features:

- 80 PLUS GOLD Certificate
- Serial ATA ready
- DC to DC converter design
- 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		
SSP-300TGS	10A	14A	25A	0.3A	2A	300W	Full Range
	70W ¹		300W	3.6W	10W		

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

Electrical Specifications:

- Input frequency: 50-60 Hz
- Inrush current, cold start: 100A max.
- Efficiency: at normal input voltage $\geq 87\%$
- Line regulation: $\pm 1\%$ typical
- Load regulation: $\pm 5\%$ typical
- Cross regulation: $\pm 5\%$ typical
- Ripple / noise: 1%
- MTBF, full load @ 25°C amb. Excluding the DC fan: >100k hrs
- Power Factor Correction: >95% typical

Safety: CUL, TUV, CB, CCC

EMC: CE, FCC, RCM

Dimension:

SSP-300TGS :L140 x W 85 x W65 mm

Connectors: Main Power (24P) x1
ATX12V (4+4P) x1
Peripherals: SATA x3,
4P molex x1
FDD x1

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Specification may change without prior notice

