

# Switch Mode Power Supply -TFX12V v2.31- SS-300/350TGx Active PFC



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**Dimension:** L175 x W85 x H63.5mm  
(6.9" x 3.3" x 2.5")

### Connectors:

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

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### Features:

- Specification compliance: TFX12V v2.31
- Support the latest Intel & AMD Socket
- 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		
SS-350TGW Active PFC	12A	16A	29A	0.3A	2A	350W	Full range
SS-350TGM Active PFC	80W <sup>1</sup>		348W	3.6W	10W		
SS-300TGW Active PFC	10A	14A	25A	0.3A	2A	300W	Full range
SS-300TGM Active PFC	70W <sup>1</sup>		300W	3.6W	10W		

SS-350TGW / SS-300TGW: Standard Cabling.

SS-350TGM / SS-300TGM: Full Modular.

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

### Electrical Specifications:

- Input frequency: 47/63 Hz
- Inrush current, cold start: 100A max.
- Efficiency, at normal input voltage: > 87%
- 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  
**EMC:** CE, FCC, C-tick



Specification may change without prior notice