



SWITCH MODE POWER SUPPLY

TFX 12 V v2.31

SS-300TGW ACTIVE PFC

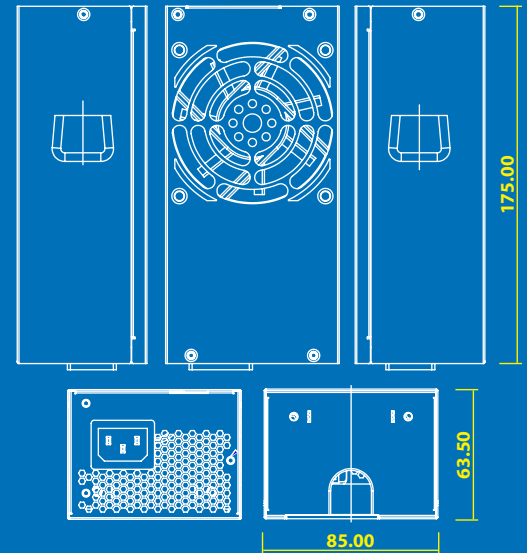
FEATURES:

- ✓ Intel TFX 12 V v2.31 compliant
- ✓ 80 PLUS® Gold certification (up to 90 % efficiency at 115 V AC and 50 % load)
- ✓ Supports the latest Intel and AMD platforms
- ✓ DC to DC converter design
- ✓ High efficiency and reliability
- ✓ 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 Combine	-12 V	+5 Vsb		
SS-300TGW	10 A	14 A	25 A	0.3 A	2 A	300 W	Full range
Active PFC FO	70 W (max.)		300 W (max.)	3.6 W	10 W		

Input frequency	50 / 60 Hz
Efficiency (at normal input voltage)	> 87 %
Line regulation	± 1 % (typical)
Load regulation	± 5 % (typical)
Cross regulation	± 5 % (typical)
MTBF, full load @ 25 °C ambient (excl. DC fan)	>100,000 hours
Active Power Factor Correction	99 % (typical)



Dimensions:

175 mm (L) x 85 mm (W) x 63.5 mm (H)
(6.9" x 3.3" x 2.5")

Safety:

CB	cUL	UL	CCC	SEMKO
■	■			
cTUVus	TUV	VDE	PSE	EAC
	■			

EMI/EMC:

BSMI	CE	FCC	C-tick
	■	■	■



SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.