



SWITCH MODE POWER SUPPLY

ATX 12 V v2.31 AND EPS 12 V

SS-350/300M1U ACTIVE PFC

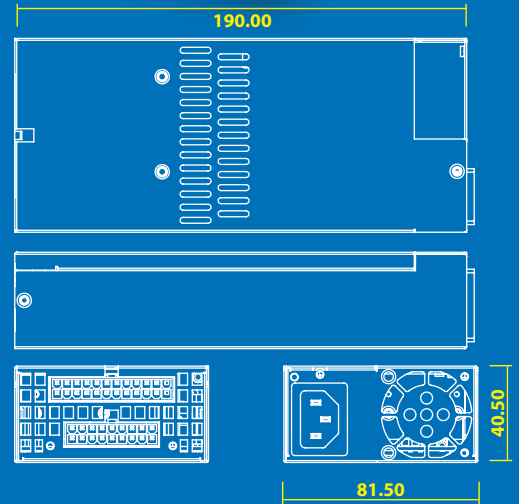
FEATURES:

- ✓ Intel ATX 12 V v2.31 and EPS 12 V 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 Combined	-12 V	+5 Vsb		
SS-350M1U Active PFC F0	12 A	16 A	29 A	0.3 A	2 A	350 W	Full range
	80 W (max.)		348 W	3.6 W	10 W		
SS-300M1U Active PFC F0	10 A	14 A	25 A	0.3 A	2 A	300 W	Full range
	70 W (max.)		300 W	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:

190 mm (L) x 81.5 mm (W) x 40.5 mm (H)
(7.5" x 3.2" x 1.6")

Connectors:

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

Safety:

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

EMI/EMC:

BSMI	CE	FCC	C-tick
	■	■	■



SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.