



SWITCH MODE POWER SUPPLY

FLEX ATX 12 V

SSP-300SUG ACTIVE PFC FO

FEATURES:

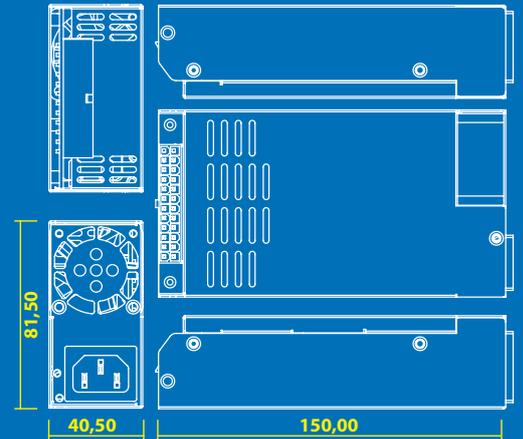
- ✓ SATA-ready
- ✓ DC to DC converter design
- ✓ High efficiency and reliability
- ✓ Low ripple and noise
- ✓ Super low noise fan control
- ✓ Short circuit protection on all outputs
- ✓ Over voltage protection
- ✓ Over power protection
- ✓ 100 % HiPot test
- ✓ 100 % Burn-in, high temperature cycled on/off

ELECTRICAL SPECIFICATIONS:

Model	DC Outputs					Total power	Input type
	+3.3 V	+5 V	+12 V Combined	-12 V	+5 Vsb		
SSP-300SUG	10 A	14 A	25 A	0.3 A	2 A	300 W	Full range
	70 W ¹		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 (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 ambient (excl. DC fan)	>100,000 hrs
Active Power Factor Correction	> 95 % (typical)



Dimensions:

81,5 mm (L) x 150 mm (W) x 40,5 mm (H)

Connectors:

Main Power

ATX 12 V

Peripherals: SATA, HDD, FDD

Safety and EMI/EMC:

CB	cUL	UL	CCC	SEMKO
■	■		■	
cTUVus	TUV	VDE	PSE	EAC
	■			
BSMI	CE	FCC	C-tick	
■	■	■	■	



SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.