



SWITCH MODE POWER SUPPLY

ATX 12 V v2.3

SSP-300/350/430ST ACTIVE PFC

FEATURES:

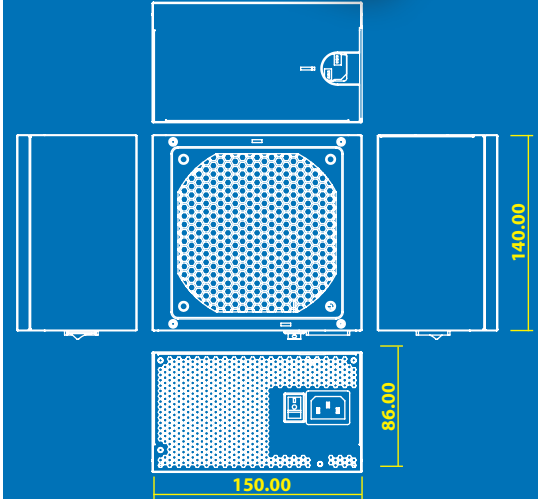
- ✓ Intel ATX 12 V v2.3 compliant
- ✓ Compatible with 4th generation Intel® Core™
- ✓ Supports the latest Intel and AMD platforms
- ✓ PCIe- and SATA-ready
- ✓ DC to DC converter design (3.3V only)
- ✓ High efficiency and reliability
- ✓ Super low noise fan control
- ✓ Short circuit protection on all 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-430ST Active PFC	12 A	16 A	33 A	0.3 A	2 A	400 W	Fixed 220 V
	82 W ¹		396 W	3.6 W	10 W		
SS-350ST Active PFC	12 A	16 A	27 A	0.3 A	2 A	350 W	Full range Fixed 220 V
	82 W ¹		396 W	3.6 W	10 W		
SS-300ST Active PFC	12 A	16 A	24 A	0.3 A	2 A	300 W	Full range Fixed 220 V
	82 W ¹		288 W	3.6 W	10 W		

¹ Combined +3.3VDC & +5VDC maximum power

Input frequency	50/60 Hz
Inrush current, cold start	100A max.
Efficiency (at normal input voltage)	82 %
Line regulation	± 1 % (typical)
Load regulation	± 5 % (typical)
Cross regulation	± 5 % (typical)
MTBF, full load @ 25 °C ambient (excl. DC fan)	>100,000 hrs
Active Power Factor Correction	> 95 % (typical)



Dimensions:

150 mm (L) x 140 mm (W) x 86 mm (H)
(5.9" x 5.5" x 3.4")

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.