



SWITCH MODE POWER SUPPLY

ATX 12 V v2.3

SS-600/500/400/350/300ES ACTIVE PFC

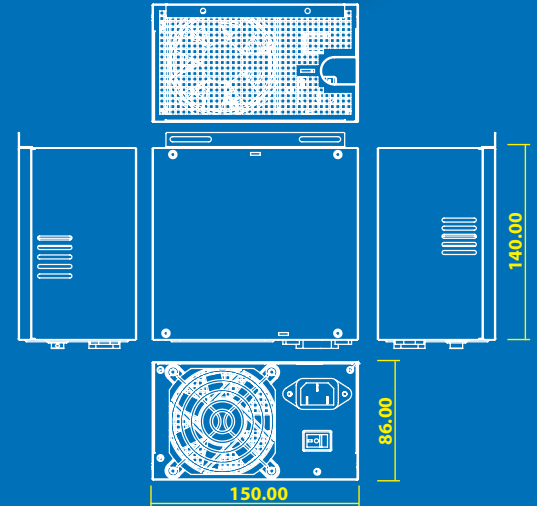
FEATURES:

- ✓ Intel ATX 12 V v2.3 compliant
- ✓ Supports the latest Intel and AMD platforms
- ✓ PCIe- and SATA-ready
- ✓ Double forward converter circuit
- ✓ 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-600ES Active PFC F3	24 A	24 A	46 A	0.8 A	2.5A	600 W	Full range
	130 W (max.)		552 W	9.6 W	12.5 W		
SS-500ES Active PFC F3	24 A	24 A	34 A	0.8 A	2.5 A	500 W	Full range
	130 W (max.)		408 W	9.6 W	12.5 W		
SS-400ES Active PFC F3	20 A	20 A	30 A	0.8 A	2.5 A	400 W	Full range
	130 W (max.)		360 W	9.6 W	12.5 W		
SS-350ES Active PFC F3	20 A	20 A	27 A	0.8 A	2.5 A	350 W	Full range
	130 W (max.)		324 W	9.6 W	12.5 W		
SS-300ES Active PFC F3	18 A	20 A	24 A	0.8 A	2.5 A	300 W	Full range
	120 W (max.)		288 W	9.6 W	12.5 W		

Input frequency	50 / 60 Hz
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	99 % (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.