



INDUSTRIAL 1U RACKMOUNT PSU

INTEL EPS1U V2.1 AND ATX 12 V V2.2

SS-460/400H1U ACTIVE PFC

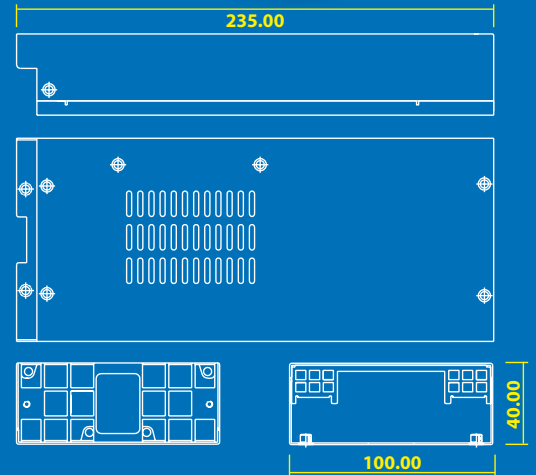
FEATURES:

- ✓ Intel EPS1U v2.1 and ATX 12 V v2.2 compliant
- ✓ Forward converter circuit
- ✓ High efficiency and reliability for industrial level
- ✓ Easy-swap connector design
- ✓ High reliability ball bearing fan
- ✓ Fully modular cables
- ✓ Smart and Silent Fan Control (S²FC)
- ✓ Zero minimum load on 3.3 V rail
- ✓ Short circuit protection on all outputs
- ✓ Over voltage protection
- ✓ Over power protection
- ✓ 100 % HiPot test
- ✓ 100 % Burn-in, high temperature cycled on/off
- ✓ PFC harmonics compliance: IEC1000-3-2 and EN61000-3-2 standards

ELECTRICAL SPECIFICATIONS:

Model	DC Outputs					Total power	Input type
	+3.3 V	+5 V	+12 V Combined	-12 V	+5 Vsb		
SS-460H1U Active PFC F0	20 A	21 A	34 A	0.8 A	3 A	460 W	Full range
	130 W (max.)		408 W				
SS-400H1U Active PFC F0	20 A	21 A	29 A	0.8 A	3 A	400 W	Full range
	130 W (max.)		348 W				

Input frequency	50 / 60 Hz
Efficiency (220 V AC - 240 V AC, full load)	83 % (typical)
Efficiency (100 V AC - 120 V AC, full load)	80 % (typical)
Dielectric withstand, input to frame / ground	1800 VAC, 1sec
Dielectric withstand, input to output	1800 VAC, 1sec
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:

235 mm (L) x 100 mm (W) x 40 mm (H)
(9.3" x 3.9" x 1.6")

Fan size: 38 mm x 38 mm

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.