

INDUSTRIAL 2U RACKMOUNT PSU

INTEL EPS 12 V

SS-600H2U ACTIVE PFC



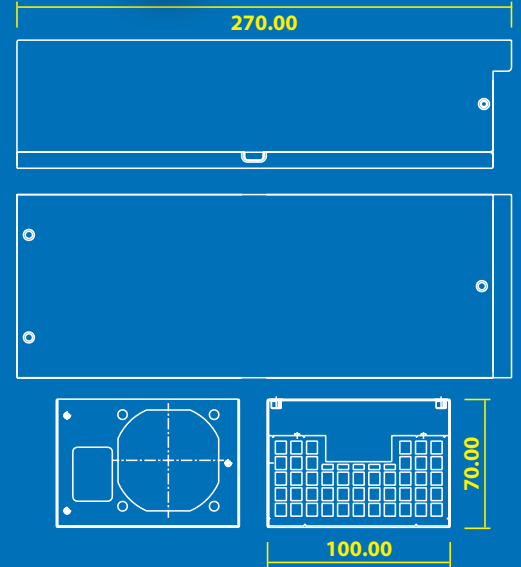
FEATURES:

- ✓ Intel EPS 12 V compliant
- ✓ 80 PLUS® Gold certification (up to 90 % efficiency at 115 V AC and 50 % load)
- ✓ Forward converter circuit
- ✓ High efficiency and reliability for industrial level
- ✓ Fully modular cables
- ✓ High reliability ball bearing fan
- ✓ Smart and Silent Fan Control (S²FC)
- ✓ 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-600H2U Active PFC F0	20 A	25 A	45 A	9.6 W	15 W	600 W	100-240 VAC
	150 W (max.)		540 W				

Input frequency	50 / 60 Hz
Hold up time, full load	16 ms (typical)
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 V AC, 1sec
Dielectric withstand, input to output	1800 V AC, 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:

270 mm (L) x 100 mm (W) x 70 mm (H)
(10.6" x 3.9" x 2.8")

Fan size: 60 mm x 60 mm

Connectors:

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

Safety:

CB	cUL	CCC
✓	✓	✓
cTUVus	TUV	BSMI
-	✓	-

EMI/EMC:

CE	FCC	RCM
✓	✓	-



SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.



INDUSTRIAL 2U RACKMOUNT PSU

INTEL EPS 12 V

SS-460/400H2U ACTIVE PFC

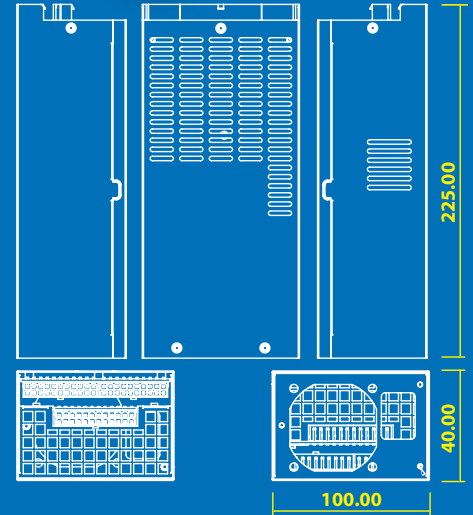
FEATURES:

- ✓ Intel EPS 12 V compliant
- ✓ Forward converter circuit
- ✓ High efficiency and reliability for industrial level
- ✓ Fully modular cables
- ✓ High reliability ball bearing fan
- ✓ 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

ELECTRICAL SPECIFICATIONS:

Model	DC Outputs					Total Power	Input Type
	+3.3 V	+5 V	+12 V Combined	-12 V	+5 Vsb		
SS-460H2U Active PFC F0	20 A	21 A	32 A	0.8 A	3 A	460 W	100-240 VAC
	130 W (max.)		384 W				
SS-400H2U Active PFC F0	20 A	21 A	29 A	0.8 A	3 A	400 W	100-240 VAC
	130 W (max.)		348 W				

Input frequency	50 / 60 Hz
Hold up time, full load	12 ms (typical)
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 V AC, 1 sec
Dielectric withstand, input to output	1800 V AC, 1 sec
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:

225 mm (L) x 100 mm (W) x 40 mm (H)
(8.9" x 3.9" x 2.8")

Fan size: 38 mm x 38 mm

Connectors:

Main Power

ATX 12 V

Peripherals: SATA, HDD, FDD

Safety:

CB	cUL	CCC
✓	✓	✓
cTUVus	TUV	BSMI
—	✓	✓

EMI/EMC:

CE	FCC	RCM
✓	✓	✓

* 400H2U does not apply



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