

ENS-0330A



Features

ATX12V Rev. 1.2 & ATX Backward Compliant
Universal AC Input Voltage Auto-Sensing
Remote On/Off Sensing
Power good TTL Signal
Short circuit, Over Current & Voltage Protection

High Efficiency
Active PFC (Power Factor Correction) Support
IAPC, Wake-On-LAN Technology Ready
Auto-Sensing Thermal Control
Low Acoustic Noise

Specifications

Applies for

All Intel Processors up to P4-HT
All AMD Processors up to Athlon 64/FX

Electrical Specifications

Input Voltage	100 ~ 240 VAC
	Auto Sensing
Frequency	50 ~ 60 Hz
Input Current	6.0 Arms @ 115 VAC 3.0 Arms @ 230 VAC
Holdup Time	> 14 ms @ Full Load

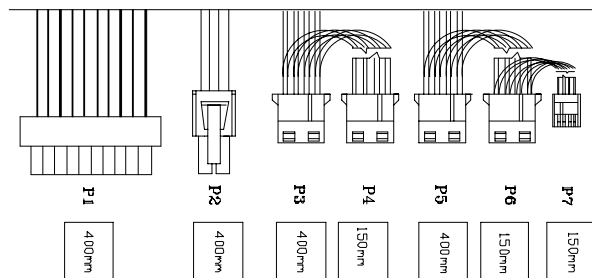
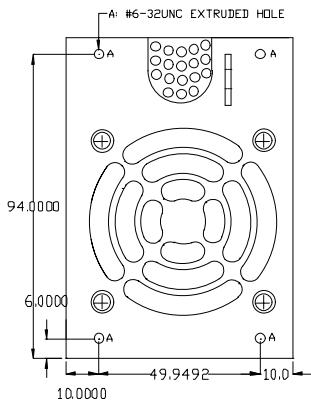
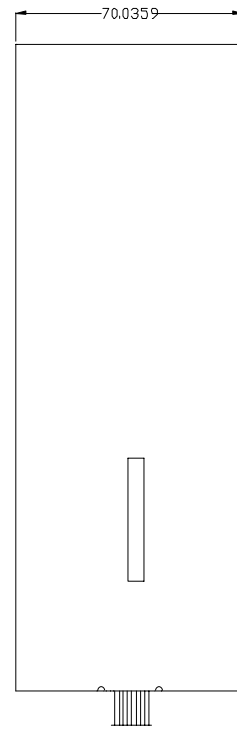
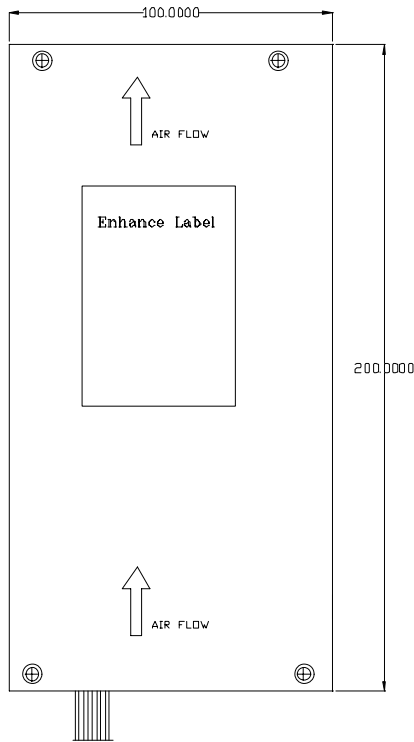
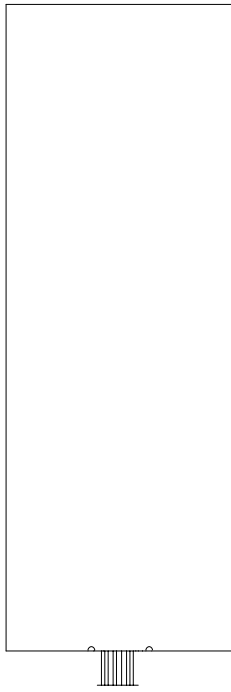
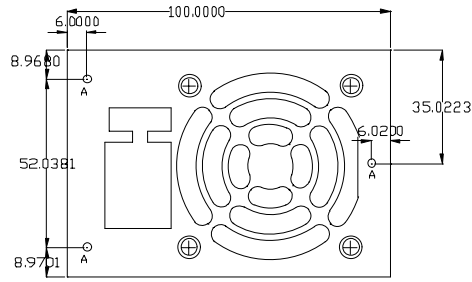
Environmental Specifications

Operating/Storage Temp.	10~50°C/-20~60°C
Operating/Storage Humidity	85% / 95%
Operating/Storage Altitude	10,000/50,000 FT
MTBF	100,000 HRS
Safety Approvals	UL/CUL, CB, TUV
EMC Regulations	FCC, CE

Output Specifications

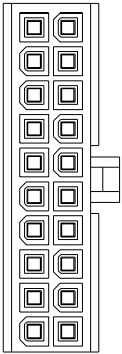
Voltage	Regulation Load	Minimum Load	Maximum Load	Peak
+3.3V	+5%	0.3A	22.0A	--
+5.0V	+/- 5%	3.0A	30.0A	--
+12.0V	+/- 5%	1.0A	15.0A	--
-12.0V	+/- 10%	0A	1.0A	--
-5.0V	+/- 5%	0A	0.7A	--
+5 Vsb	+/- 5%	0A	2.0A	--

(*) Total maximum combines load output on +3.3V and +5V rails should not exceed 200 Watts.

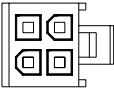


Description

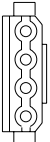
P1 - Main Power



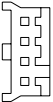
P2 - 4 Pin Processor Power



P3 to P6 - Peripheral



P7 - Floppy



Connector Housing

Molex 39-01-2200 or Equivalent

1	Orange	+3.3V	11	Orange	+3.3V
2	Orange	+3.3V	12	Blue	-12VDC
3	Black	GND	13	Black	GND
4	Red	+5V	14	Green	PS_ON
5	Black	GND	15	Black	GND
6	Red	+5V	16	Black	GND
7	Black	GND	17	Black	GND
8	Gray	PWR OK	18	White	-5V
9	Purple	5 VSB	19	Red	+5V
10	Yellow	+12V	20	Red	+5V

Molex 39-01-2040 or Equivalent

1	Black	GND	3	Yellow	+12V
2	Black	GND	4	Yellow	+12V

Molex 8981-04P or Equivalent

1	Yellow	+12V
2	Black	GND
3	Black	GND
4	Red	+5V

AMP 171822-4 or Equivalent

1	Red	+5V
2	Black	GND
3	Black	GND
4	Yellow	+12V