

ENS-0330A



Apply For

- 2U Rack Mount Server



Features



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	--

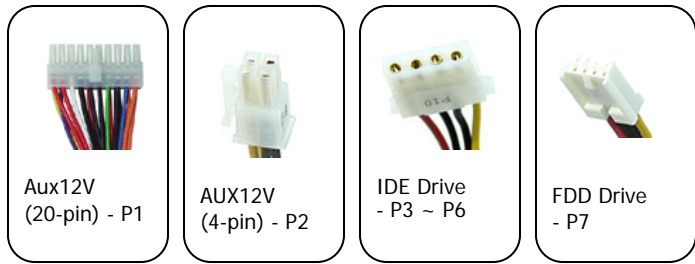
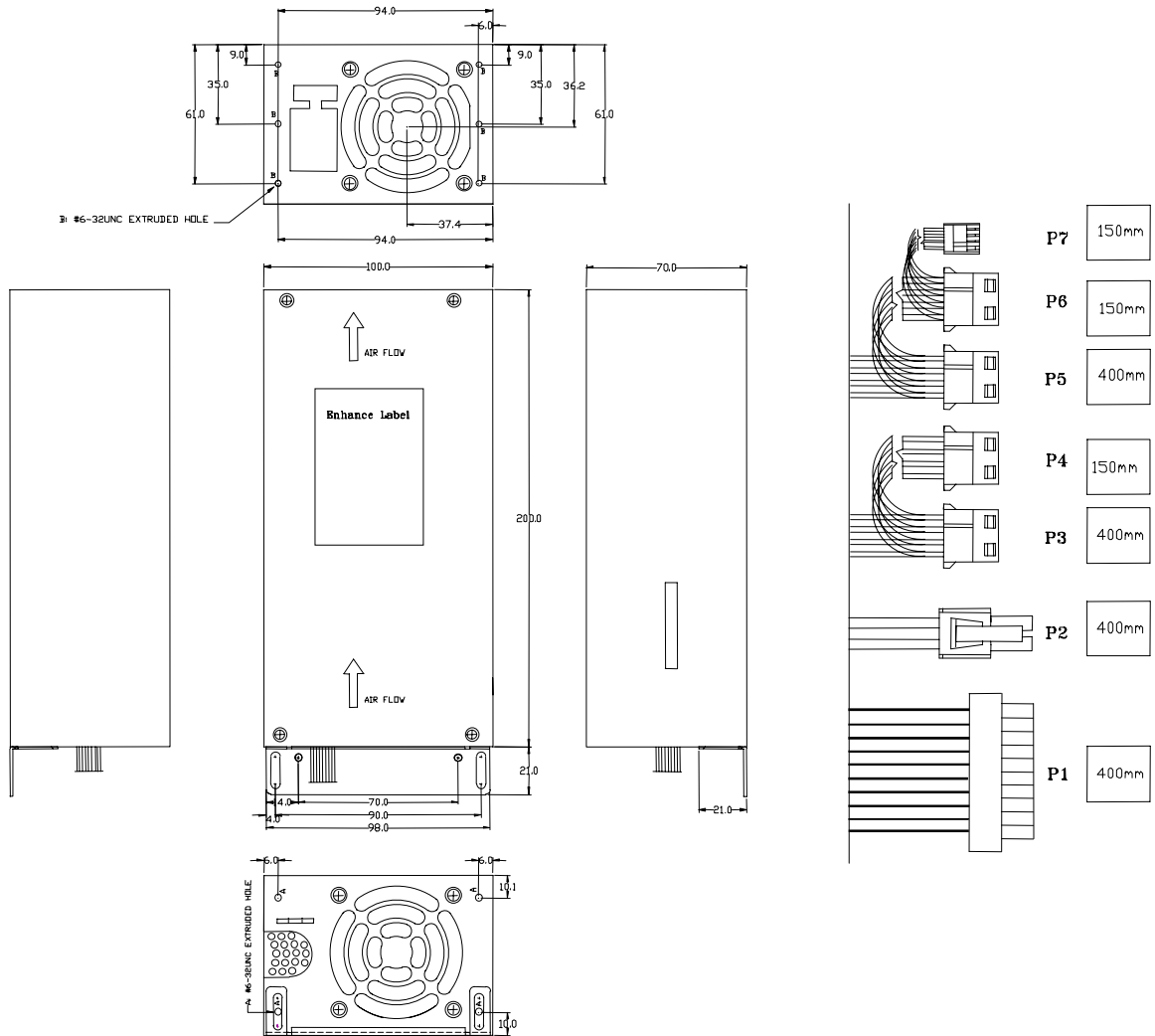
(*) Total maximum combines load output on +3.3V and +5V rails should not exceed 200 Watts.

EPS2U

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Mechanical Drawing

EPS2U



Aux12V (20-pin) - P1

AUX12V (4-pin) - P2

IDE Drive - P3 ~ P6

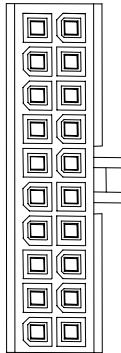
FDD Drive - P7

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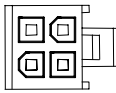
Wire Harness Pin Assignment

Description

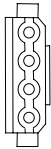
P1 - Main Power



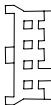
P2 – 4 Pin Processor Power



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

Dimension (WxLxH)

- 100 x 200 x 70 (mm)
- 3.93 x 7.87 x 2.76 (inch)

Cooling Fan

- 12V DC, 60 mm

Notes

- Specification subject to change without notice. All new processors support will be updated once official announced by vendors
- All company logo and legal name belong to original company. All copyright reserved by Enhance Electronics.
- One-Year Standard Warranty
- Last Update: 9/6/2006