

ENP-2322B

• **220W**



Features

- EPS1U Rev 2.1 Compliant
- High Efficiency
- Active PFC (Power Factor Correction) Support
- Remote On/Off
- Power good TTL Signal
- Short Circuit, Over Current & Voltage Protection
- UL/CUL, CB, TUV Safety Approved
- Auto-Sensing Thermal Control
- Low Acoustic Noise

Apply For

- All Intel Processors up to P4
- All AMD Processors up to Athlon



Electrical Specifications

- Input Voltage 115 – 230 VAC
Auto Sensing
- Frequency 47 ~ 63 Hz
- Input current 4.0 Arms @ 115 VAC
2.0 Arms @ 230 VAC
- Holdup Time 16 ms @ Full Load

Environmental Specifications

- Operating/Storage Temp. 0~40°C/-20~60°C
- Operating/Storage Humidity 85% / 95%
- Operating/Storage Altitude 10,000/50,000 FT
- MTBF 100,000 HRS
- EMC Regulations FCC, CE

Output Specifications

Voltage	Regulation Load	Minimum Load	Maximum Load	Peak
+3.3V	+/- 5%	0.5A	17.0A	--
+5.0V	+/- 5%	0.3A	13.0A	--
+12.0V	+/- 5%	1.0A	16.0A	17.0A
-12.0V	+/- 10%	0A	0.3A /0.8A	--
+5 Vsb	+/- 5%	0A	2.0A	2.5A

(*) Total maximum combines load output on +3.3V and +5V rails should not exceed 80 Watts.

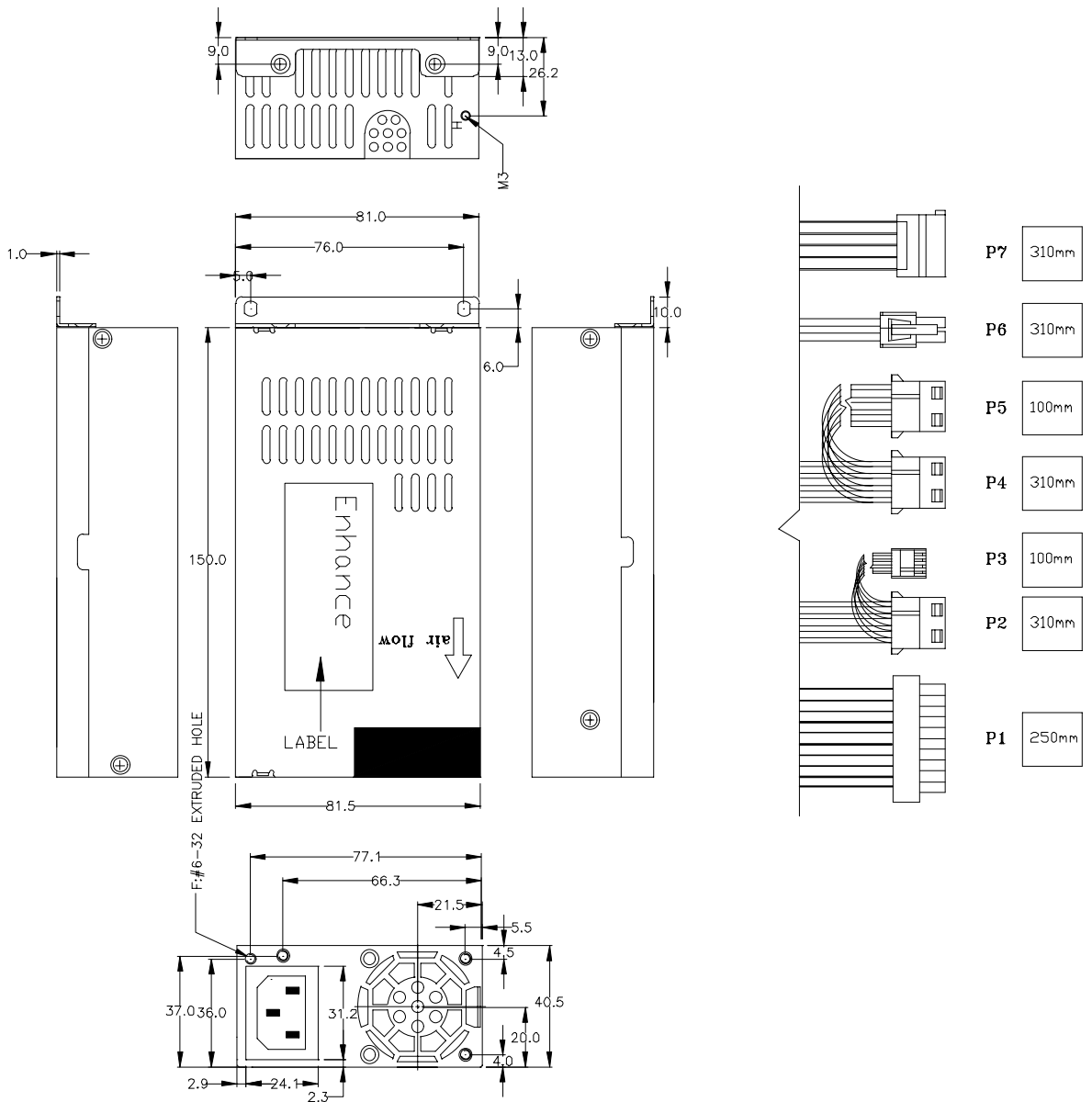
EPS1U

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Mechanical Drawing

EPS1U



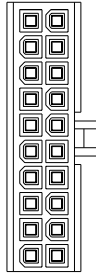
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Wire Harness

Description

P1 - Main Power

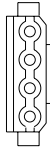


Connector Housing

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	NC	Reserved
9	Purple	5 VSB	19	Red	+5V
10	Yellow	+12V	20	Red	+5V

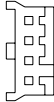
P2, P4 to P5 – Peripheral



Molex 8981-04P or Equivalent

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

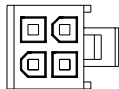
P3 – Floppy



AMP 171822-4 or Equivalent

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

P6 – 4 Pin Processor Power



Molex 39-01-2040 or Equivalent

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

P7 – Serial ATA



Molex 88751 or Equivalent

1	Yellow	+12V
2	Black	GND
3	Red	+5V
4	Black	GND
5	Orange	+3.3V

Dimension (WxLxH)

- 82 x 150 x 40.5 (mm)
- 3.2 x 5.9 x 1.6 (inch)

Cooling Fan

- 12V DC, 40 x 40 x 20 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: 10/21/2005