

ENP-2120B

SFX12V



• **200W**

Features

- SFX12V Rev. 2.2 & SFX Backward Compliant
- High Efficiency
- Remote On/Off
- Power good TTL Signal
- Short Circuit, Over Current & Voltage Protection
- IAPC, Wake-On-LAN Technology Ready
- 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 100 ~ 127 VAC
200 ~ 240 VAC
Manual Select
- Frequency 47 ~ 63 Hz
- Input current 5.0 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

| <u>Voltage</u> | <u>Regulation Load</u> | <u>Minimum Load</u> | <u>Maximum Load</u> | <u>Peak</u> |
|----------------|------------------------|---------------------|---------------------|-------------|
| +3.3V | +5%, -3% | 1.0A | 17.0A | -- |
| +5.0V | +/- 5% | 3.0A | 21.0A | -- |
| +12.0V | +/- 5% | 1.0A | 13.0A | -- |
| -12.0V | +/- 10% | 0A | 0.8A | -- |
| +5 Vsb | +/- 5% | 0A | 2.0A | -- |

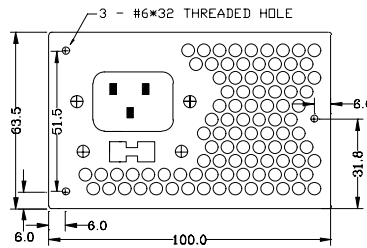
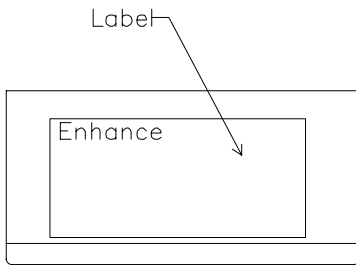
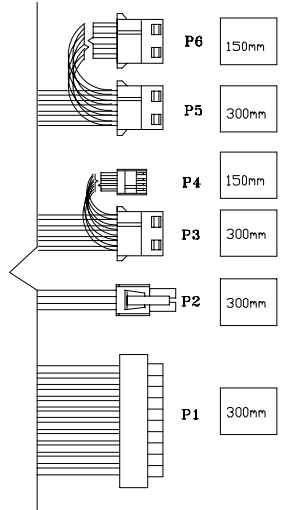
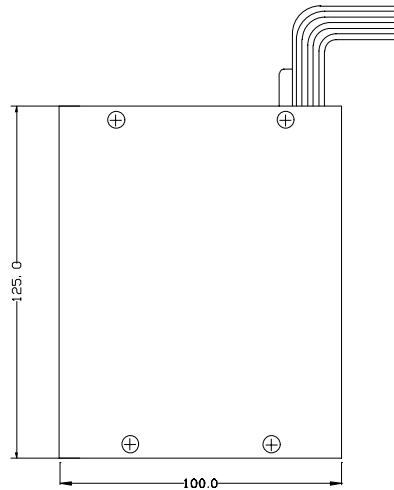
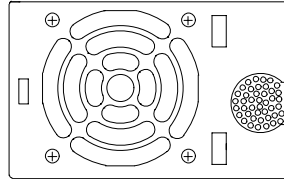
(*) Total maximum combines load output on +3.3V and +5V rails is 130 Watts.

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Mechanical Drawing

SFX12V



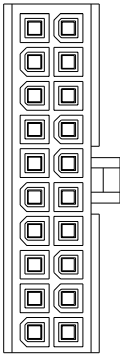
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Wire Harness

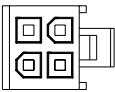
• **200W**

Description

P1 - Main Power



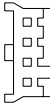
P2 – 4 Pin Processor Power



P3, P5 to P6– Peripheral



P4 – 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 125 x 63.5 (mm)
- 3.93 x 4.92 x 2.5 (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: 4/13/2004

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