

SFX-2020

• **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 6.5 Arms @ 115 VAC
3.5 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%	0.5A	17.0A	--
+5.0V	+/- 5%	1.0A	15.0A	--
+12.0V	+/- 5%	2.0A	13.0A	--
-12.0V	+/- 10%	0A	0.8A	--
-5.0V	+/- 10%	0A	0.5A	--
+5 Vsb	+/- 5%	0A	2.0A	--

(*) Total maximum combines load output on +3.3V and +5V rails is 95 Watts.

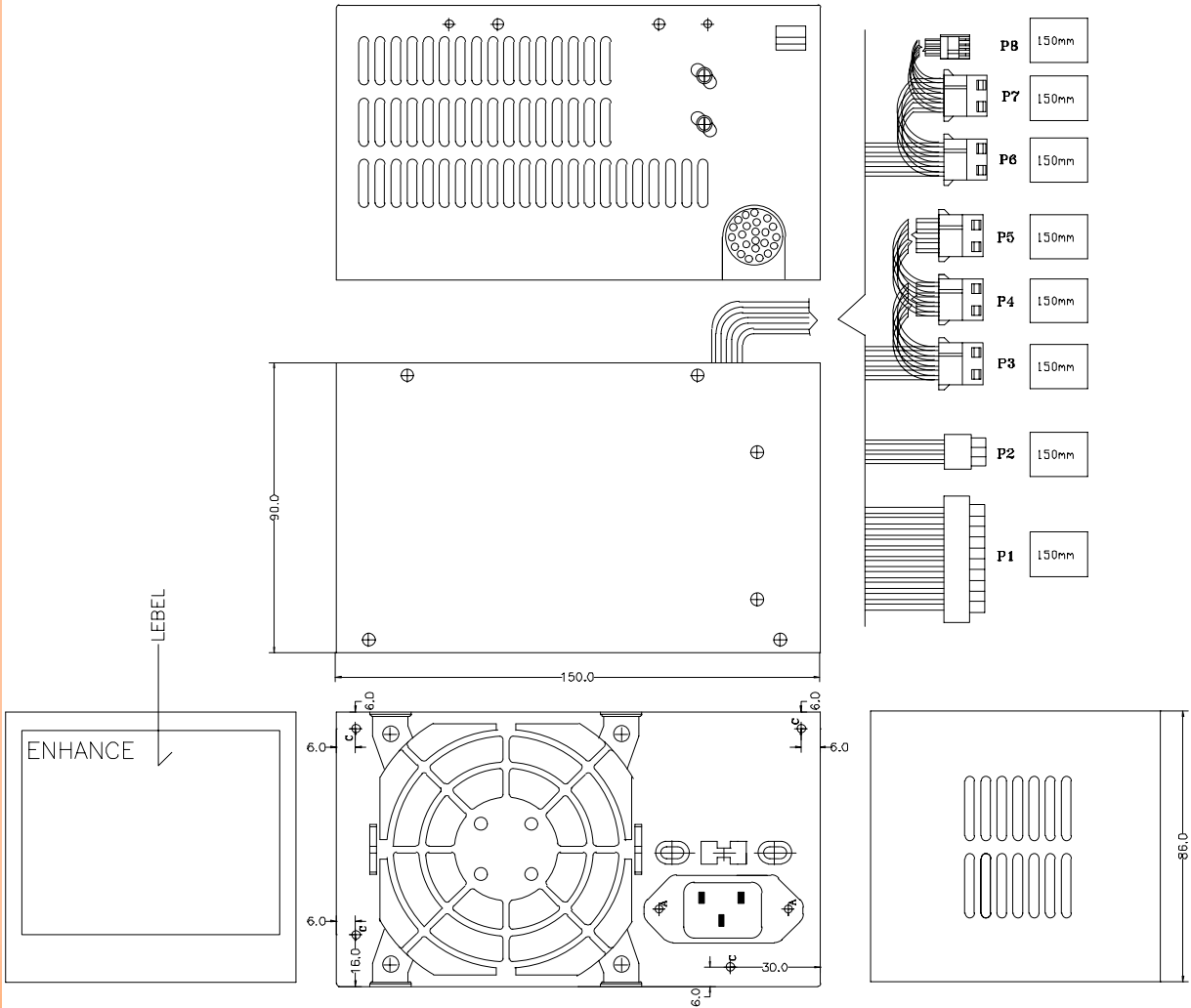
SFX12V

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Mechanical Drawing

SFX12V



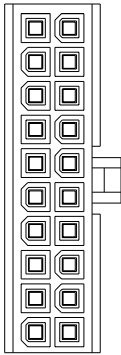
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Wire Harness

Description

P1 - Main Power

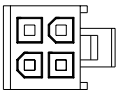


Connector Housing

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	White	-5V
9	Purple	5 VSB	19	Red	+5V
10	Yellow	+12V	20	Red	+5V

P2 – 4 Pin Processor Power



Molex 39-01-2040 or Equivalent

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

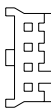
P3 to P7 – Peripheral



Molex 8981-04P or Equivalent

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

P8 – Floppy



AMP 171822-4 or Equivalent

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

Dimension (WxLxH)

- 150 x 90 x 86 (mm)
- 5.9 x 3.63 x 3.38 (inch)

Cooling Fan

- 12V DC, 80 x 80 x 25 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

SFX12V