

ENP-2320

• 200W



Features

- TFX12V Rev 1.2 Compliant
- Replacement p/s for Shuttle XPC – SN41G2 series
- High Efficiency
- Active Power Factor Correction (PFC) 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 > 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	17.0A	--
+5.0V	+/- 5%	1.0A	12.0A	--
+12.0V	+/- 5%	0.5A	10.0A	13.0A
-12.0V	+/- 10%	0A	0.5A	--
-5.0V	+/- 10%	0A	0.3A	--
+5 Vsb	+/- 5%	0A	1.5A	2.0A

(*) Total maximum combines load output on +3.3V and +5V rails is 65 Watts.

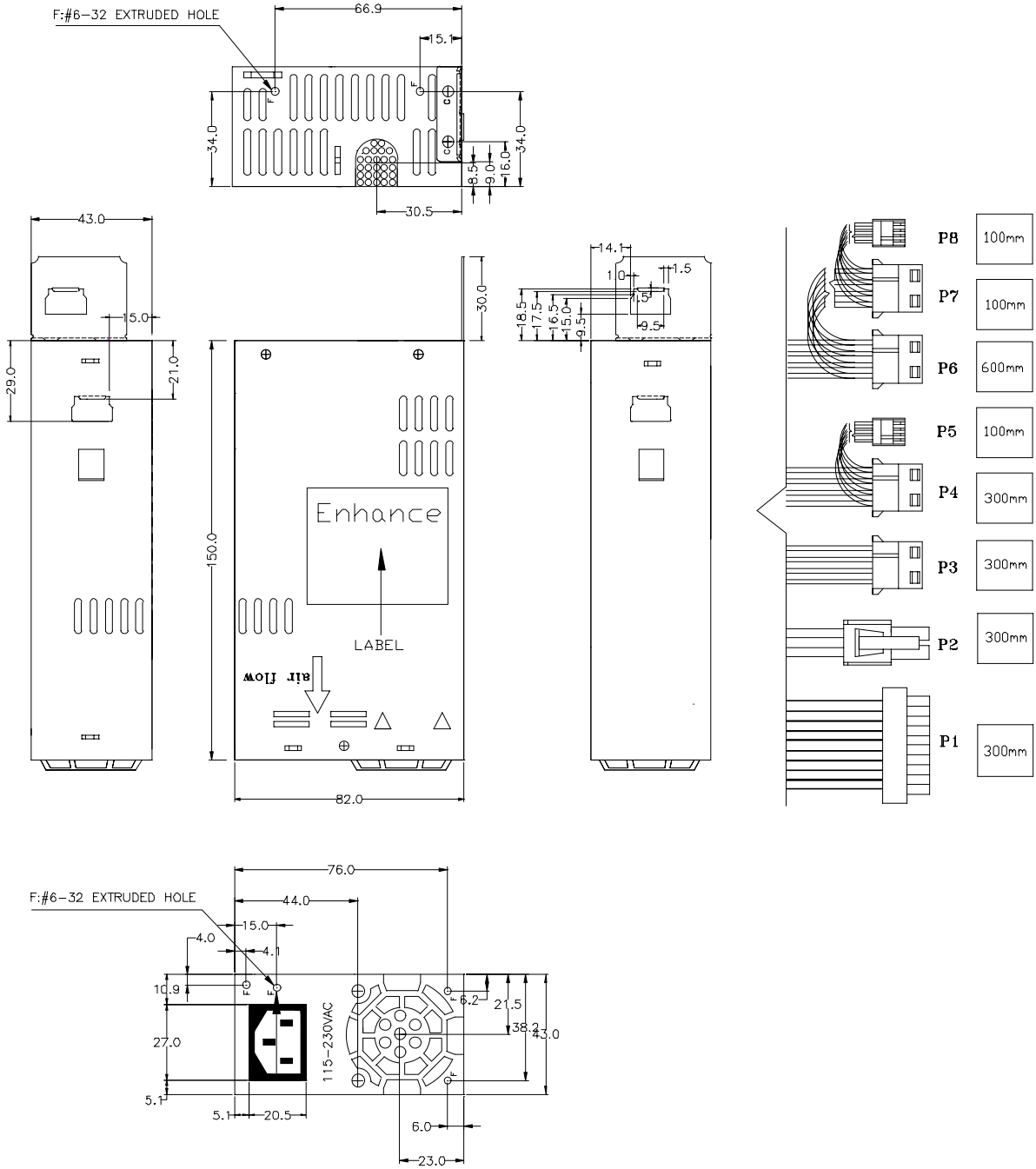
TFX12V

ENP-2320

Mechanical Drawing

• 200W

TFX12V



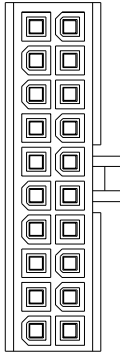
ENP-2320

Wire Harness

• **200W**

Description

P1 - Main Power

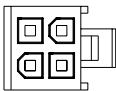


Connector Housing

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

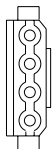
P2 - 4 Pin Processor Power



Molex 39-01-2040 or Equivalent

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

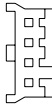
P3 to P4, P6 to P7 - Peripheral



Molex 8981-04P or Equivalent

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

P5, P8 - Floppy



AMP 171822-4 or Equivalent

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

Dimension (WxLxH)

- 82 x 150 x 43 (mm)
- 3.2 x 5.9 x 1.7 (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

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•One-Year Standard Warranty

•Last Update: 10/13/2005

TFX12V