

# ATX-2030FA

## • 300W



### Features

- ATX12V Rev. 2.2 & ATX Backward Compliant
- **Enhance BTX system thermal performance**
- Extra power receptacle for peripheral devices
- High Efficiency for energy saving
- Low Acoustic Noise by Auto Fan Speed Control
- Power good TTL Signal, Remote On/Off
- Short Circuit, Over Current & Voltage Protection
- Safety Compliant
- APC, Wake-On-LAN Technology Ready
- SATA HDD power connector built-in

### Apply For

- All Intel Processors up to P4-HT
- All AMD Processors up to Athlon 64/FX



### Electrical Specifications

- Input Voltage 115 ~ 230 VAC Manual Select
- Frequency 50 ~ 60 Hz
- Input current 6.5 Arms @ 115 VAC  
3.0 Arms @ 230 VAC
- Holdup Time > 14 ms @ Full Load

### Environmental Specifications

- Operating/Storage Temp. 0~50°C/-20~60°C
- Relative Humidity 5~95%
- 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%	0.5A	20.0A	--
+5.0V	+/- 5%	0.3A	20.0A	--
+12.0V1	+/- 5%	1.0A	8.0A	10.0A
+12.0V2	+/- 5%	1.0A	14.0A	20.0A
-12.0V	+/- 10%	0A	0.3A	--
+5 Vsb	+/- 5%	0A	2.0A	2.5A

(\*) Total maximum combines load output on +3.3V and +5V rail shall not exceed 120 Watts

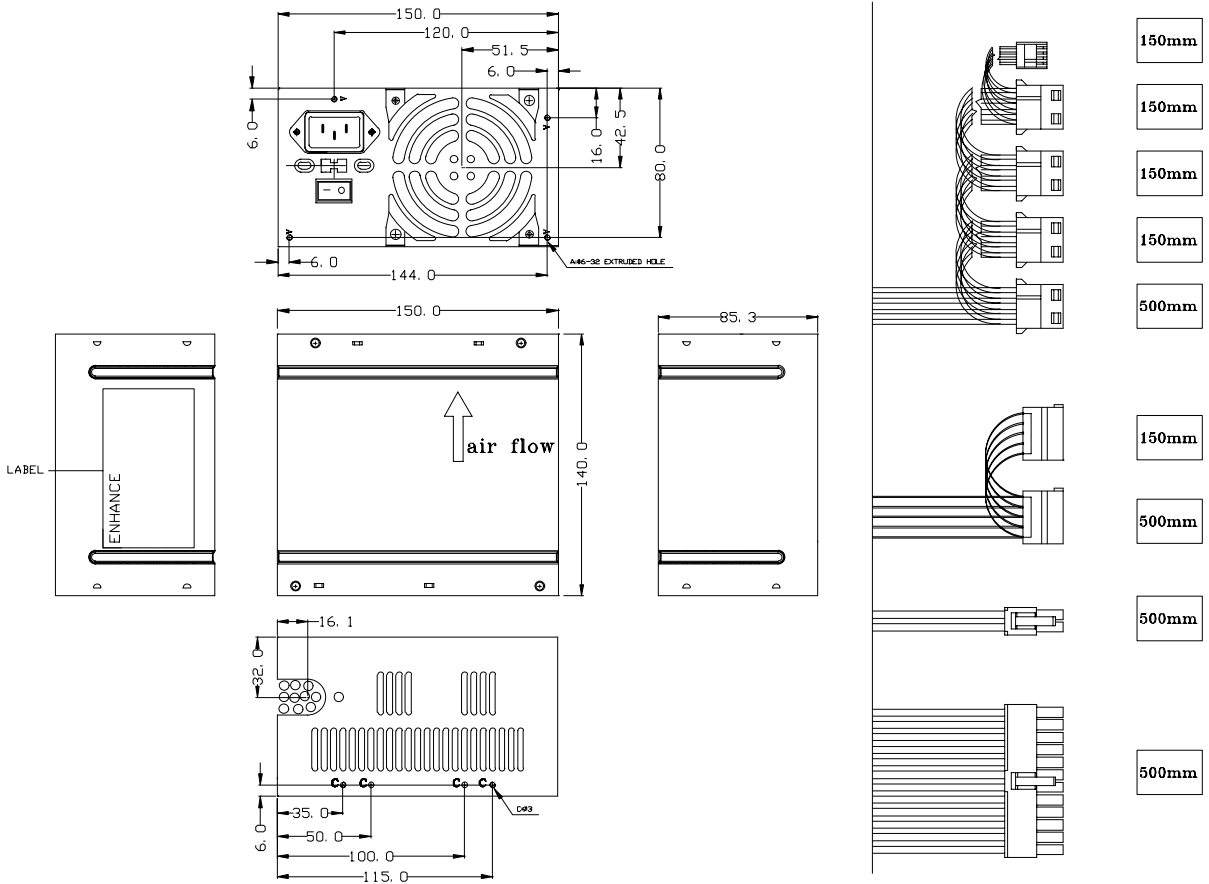
ATX12V

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## Mechanical Drawing

**ATX12V**



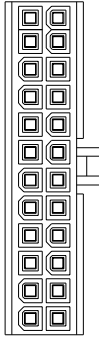
# ATX-2030FA

## Wire Harness

# • 300W

### Description

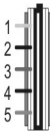
P1 - Main Power



P2 – 4 Pin Processor Power



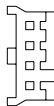
P3 to P4 – Serial ATA



P5 to P8 – Peripheral



P9 – Floppy



### Connector Housing

Molex 39-01-2200 or Equivalent

1	Orange	+3.3V	13	Orange	+3.3V
2	Orange	+3.3V	14	Blue	-12VDC
3	Black	GND	15	Black	GND
4	Red	+5V	16	Green	PS_ON
5	Black	GND	17	Black	GND
6	Red	+5V	18	Black	GND
7	Black	GND	19	Black	GND
8	Gray	PWR OK	20	N/E	Reserved
9	Purple	5 VSB	21	Red	+5V
10	Yellow	+12V1	22	Red	+5V
11	Yellow	+12V1	23	Red	+5V
12	Orange	+3.3V	24	Black	GND

Molex 39-01-2040 or Equivalent

1	Black	GND	3	Yellow	+12V2
2	Black	GND	4	Yellow	+12V2

Molex 88751 or Equivalent

1	Yellow	+12V1
2	Black	GND
3	Red	+5V
4	Black	GND
5	Orange	+3.3V

Molex 8981-04P or Equivalent

1	Yellow	+12V1
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	+12V1

# ATX12V

### Dimension (WxLxH)

- 150 x 140 x 86 (mm)
- 5.9 x 5.5 x 3.38 (inch)

### Cooling Fan

- 12V DC, 80mm

### 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: 1/19/2007