

ENP-2725H-2G

SFX12V



Features



Electrical Specifications

- Input Voltage 100 ~ 240 VAC Auto Select
- Frequency 47 ~ 63 Hz
- Input current 5.0 Arms @ 115 VAC
2.5 Arms @ 230 VAC
- Holdup Time > 16 ms @ Full Load

Output Specifications

Voltage	Regulation Load	Minimum Load	Maximum Load	Peak
+3.3V	+5%, -3%	0.5A	18.0A	--
+5.0V	+/- 5%	0.3A	20.0A	--
+12.0V	+/- 5%	1.0A	16.0A	18.0A
-12.0V	+/- 10%	0A	0.3A	--
+5 Vsb	+/- 5%	0A	2.0A	2.5A

(*) Total maximum combines load output on +3.3V and +5V rails is 105 Watts.

Apply For

- Small Form Factor Desktop PC



- Panel PC

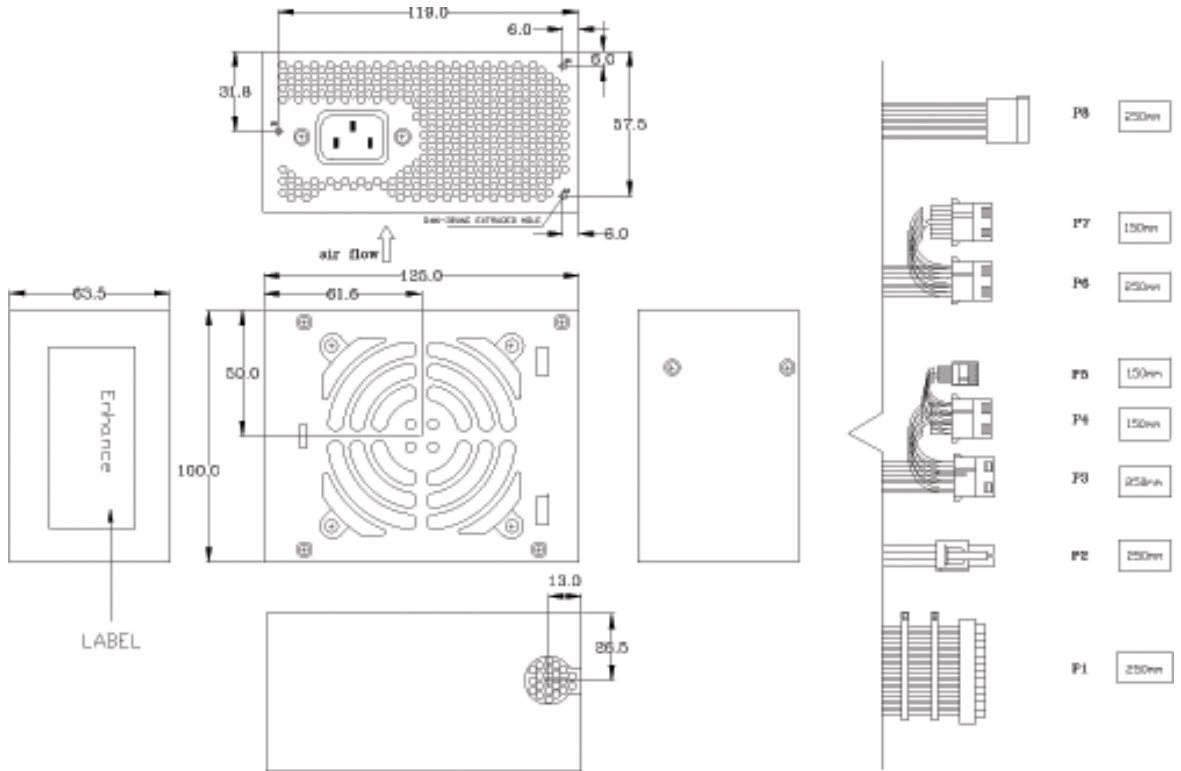


Environmental Specifications

- 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, Denko, Nemko
- EMC Regulations FCC, CE

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Mechanical Drawing



SFX12V



Main power
24 pin - P1

AUX12V
8 pin - P2

IDE Drive
- P3,P4,P6,P7

FDD Drive
- P5

SATA
- P8

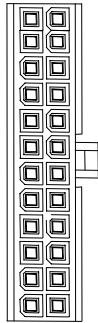
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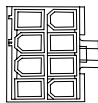
Wire Harness Pin Assignment

Description

P1 - Main Power



P2 – 8 Pin CPU-VR Power Connector



P3 to P4, P6 to P7 – Peripheral



P5 – Floppy



P8 – Serial ATA



Connector Housing

Molex 39-01-2240 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	NC	Reserved
9	Purple	5 VSB	21	Red	+5V
10	Yellow	+12V2	22	Red	+5V
11	Yellow	+12V2	23	Red	+5V
12	Orange	+3.3V	24	Black	GND

Molex 39-01-2080 or Equivalent

1	Black	GND	5	Yellow	+12V
2	Black	GND	6	Yellow	+12V
3	Black	GND	7	Yellow	+12V
4	Black	GND	8	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

Molex 88751 or Equivalent

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

Dimension (WxLxH)

- 125 x 100 x 63.5 (mm)
- 4.92 x 3.93 x 2.5 (inch)

Cooling Fan

- 12V DC, 80 x 80 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: 1/26/2007