

PS2 Fanless Type PC & Industrial Power Supply

EPS12V

EFN-300

Fanless 300 watts Output Power
5 Output Rails with PFC
ATX12V Application
For PS2 & 4U Rack Mount System
0dB Design, No Fan - No Noise



Dimensions: 150(W) x 86(H) x 140(D) mm

Features:

- ⦿ ATX12V Rev:1.3 Form Factor
- ⦿ Good heat dissipation
- ⦿ Universal Power Input
- ⦿ Over Temperature Protection
- ⦿ Over Power Protection
- ⦿ Short Circuit Protection
- ⦿ Over Current Protection
- ⦿ Over Voltage Protection
- ⦿ Dual Processors Application
- ⦿ Remote DC Sense on +5V and +3.3V
- ⦿ Active power Factor Correction
- ⦿ MTBF >100,000 Hours
- ⦿ 3 years warranty

General Specifications:

- ⦿ Input Range: 100 to 240 VAC, Max. 250W
180 to 240 VAC, Max. 300W
- ⦿ Power Factor: 0.96 minimum at Full Load
- ⦿ Efficiency: 70% minimum, at full load
- ⦿ Hold up Time: 20mS minimum, at full load
- ⦿ PSON (Remote ON/OFF): TTL compatible signal
- ⦿ Power Good: 100 to 500 ms, TTL compatible signal
- ⦿ Without Cooling Fan: 0dB Design
- ⦿ Operating Humidity: 20 to 90 %

Agency Requirements:

- ⦿ Harmonic: Meet EN61000-3-2 standards
- ⦿ EMI/RFI: CE, FCC class B and CISPR class B
- ⦿ Safety: UL, cUL, CB, TUV

Electrical Specifications:

Regulation, Ripple & Noise:

Output	+5V	+3.3V	+12V	-5V	-12V	5Vsb
Load Regulation	± 5%	± 5%	± 5%	-	± 10%	± 5%
Cross Regulation	± 5%	± 5%	± 5%	-	± 10%	± 5%
Line Regulation	± 1%	± 1%	± 1%	-	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	-	120mV	50mV

Input and Output Ratings:

Input			Output							
Voltage	Frequency	Current	Max.	Load	+5V	+3.3V	+12V	-5V	-12V	5Vsb
100–240Vac	47-63 Hz	6-3A	250W	Max Load	21A	20A	17A	-	0.6A	1.5A
200–240Vac			300W	Max Load	25A	23A	18A	-	0.6A	1.5A
				Min Load	1.5A	0A	0.2A	-	0A	0A

Note: 1. The +5 & +3.3 Volt combine total output shall not exceed 140W / 170W.

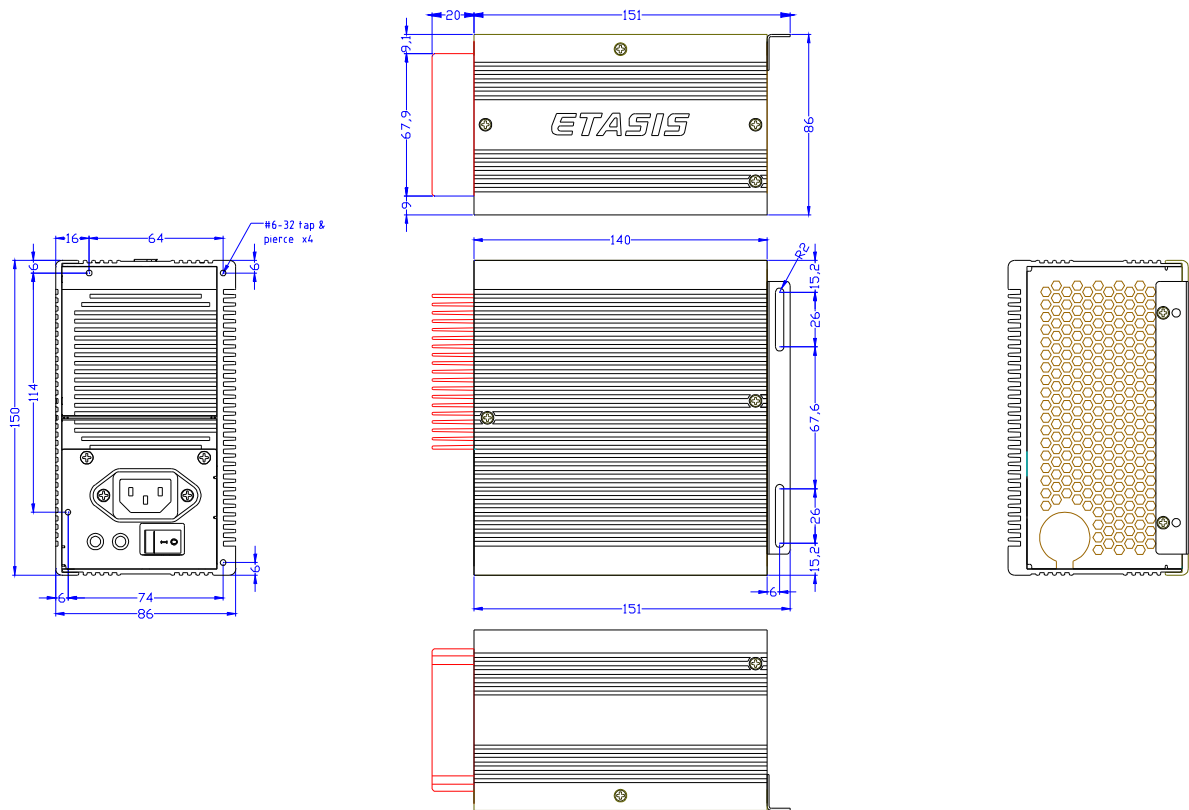
2. The +5, +3.3 and +12 Volt combine total output shall not exceed 230W / 280W.

3: Noise bandwidth is from DC to 20 MHz.

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Dimensions (Unit: mm):



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