

**EFN-300**

Switching Power Supply :300W (without FAV)  
 No Fan, No Noise, No Dust  
 Meet Desktop PC  
 Dimension: 150(W) x 86(H) x 140(D) mm

**INQUIRY****DownLoad**

☛ [MTBF](#)  
 ☛ [FCC](#) ☛ [TUV](#) ☛ [CCC](#) ☛ [CB](#) ☛ [BSMI](#)

**Features :**

Meet ATX12V and Downwards Compatibility  
 Universal AC Power Input  
 Active Power Factor Correction (PFC)  
 Two LED for Temperature and Operation Unique Aluminium Case for Best Cooling  
 OVP (Over Voltage Portection)  
 OCP (Over Current Portection)  
 OTP (Over Temperature Portection)  
 OPP (Over Power Portection)  
 SCP (Short Circuit Portection)  
 TWO Serial-ATA Connectors for STAT Devices  
 Optional Fan-Kit Available  
 MTBF > 100,000 Hours

**General Specifications :**

Input Voltage Range 100 to 240 VAC, Max  
 Power Factor > 0.95 minimum  
 Powe Good Signal: 100 to 500ms, TTL Signal  
 PSON (Remote ON/OFF): TTL signal  
 Operating Temperature: 0 to 25°C  
 Operating Humidity: 20 to 90%

**Regulation, Ripple & Noise:**

Output	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4-	-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	Watt	Load	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-5V	-12V	+5Vsb
100-240 VAC	47-63 Hz	6-3A	250W	Max. Load	23A	25A	18A	-	-	-	-	0.6A	1.5A
				Min. Load	1A	0.8A	0.5A	-	-	-	-	0.1A	0.1A

**NOTE:**

1. The +5 & +3.3 Volt total output shall not exceed 140W for EFN-300

**Agency Requirements :**

Harmonic: Meet EN61000-3-2 standards  
EMI/RFI: CE, FCC class B, BSMI and CISPR class B  
Safety: UL, cUL, CB, CE, TUV, MEMKO, FIMKO, DEMKO, SEMKO

**Processors :**

Pentium 4

**Applications :**

Rackmount  
Server  
Industrial PC  
Desktop PC