

600W ATX12V/EPS12V

NVIDIA® SLI™ READY

Specification



Model : SL-8600EPS
Max Power : 600 Watt
PFC : Active PFC
Dimension : 150(L)x140(W)x86(H)mm
Total output Connectors :
20+4 Pins x 1
4 Pin +12V x 1
8 Pin +12V x 1
4 Pin Peripheral x 6
4 Pin Floppy x 2
6 Pin SATA x 2
6 Pin PCI Express x 2

Features

Complies with ATX12V Ver.2.2 & EPS12V version
Active Power Factor Correction Circuit
Mirror housing finish
Reliable 12cm ball-bearing thermal control fan w/Blue LED
Over voltage, over current & Short circuit protection: +3.3V, +5V, +12V
Complies with FCC Part 15 Class B, CISPR 22 Class B, CE
Safety approval: CUL,TUV,CB,CSA,DEMKO,NEMKO,SEMKO,FIMKO



Output Rating

Output	Output	I min	I max.	I peak
+3.3V	1	0.8A	24A	
+5V	2	0.5A	30A	
+12V1	3	1.0A	22A	26A
+12V2	4	1.0A	22A	26A
-12V	5	0.0A	0.5A	
+5VSB	6	0.1A	2.0A	
+5V & +3.3V combined load			150W	
+5V & +3.3V & +12V combined load			585W	
+12V Output Current not exceed			40A	
+12V Output Peck Current not exceed			45A	
Total power rating			600W	
REGULATION	+3.3V:3.14V-3.47V == ±5%		+5V:4.75V-5.25V == ±5%	
	+12V1:11.4V-12.6V == ±5%		+12V2:11.4V-12.6V == ±5%	
	-12V:-10.8V--13.2V == ±10%		+5VSB:4.75V-5.25V == ±5%	
RIPPLE & NOISE(mV)	+3.3V == 150mVp-p		+5V == 150mVp-p	
	+12V1 == 200mVp-p		+12V2 == 200mVp-p	
	-12V == 200mVp-p		+5VSB == 150mVp-p	

Electrical Specification	Input	Input range: 90V-264Vac Frequency: 47-63Hz. Input Current: 600W 10A / 6A FOR 115/230 Vac. Efficiency: 80% at full load, nominal line. Inrush current: The maximum inrush current shall be less than 60A peak from a cold start at any line voltage.
	Output	Max.:600W Hold up time: >12ms at full load, nominal line. Rise time: <20ms at full load, nominal line. Over voltage protection: +3.3V, +5V, +12V. Over power protection: 120-160%. Short circuit: Latch Off. Power good signal: TTL compatible.

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