

DEER 850W EPS (V2.3) (DE148XD)

14cm Fan

Feature

- Complies with EPS 12V, V2.3
- 100~240 Vac Universal
- Active PFC circuit
- Thermal Fan-speed Control
- 140*140*20mm Cooling fan design
- Dimension : 150(L)*165(W)*86(H)mm

Environmental

- Operating temperature : 5°C to 40°C
- Storage temperature : -20°C to 70°C
- MTBF : >100'000hrs at 80% load , 25°C ambient

EMI/RFI

- FCC Part 15 Class B , CISPR 22 Class B , CE

Complies with Energy Star 4 requirements

SAFETY

- CUL , TUV , CB , CSA

DC Connectors

One 20+4Pin Main Connector

Two 12V P8 connectors

One 12V P4 connector

Six Serial ATA Connectors

Four HDD Connectors

Two Floppy Drive Connectors

Four PCI-E Connectors

RIPPLE&NOISE(mV) :

+12V1	-----	120mVp-p
+12V2	-----	120mVp-p
+12V3	-----	120mVp-p
+12V4	-----	120mVp-p
+5V	-----	50mVp-p
+3.3V	-----	50mVp-p
-12V	-----	120mVp-p
+5VSB	-----	50mVp-p

■ Electrical Specification

Input

- Input range : 100~240Vac.
- Frequency : 47~63Hz
- Input Current : 12/7A FOR 115/230Vac
- Efficiency : 78% 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. : 850W
- Hold up time : >17ms at full load , nominal line.
- Rise time : <20ms at full load , nominal line.
- Over voltage protection : On all output.
- Over power protection : 120-160%
- Over current protection : On +12V output.
- Short circuit protection : Latch Off.
- Power good signal : TTL compatible.

Output	Output #	I min	I max.	I peak
+12 V1	1	1A	17A	
+12 V2	2	1A	17A	
+12 V3	3	1A	17A	
+12 V4	4	1A	17A	
+5 V	5	0.5A	30A	
+3.3 V	6	0.8A	28A	
-12 V	7	0.0A	0.8A	
+5 VSB	8	0.1A	3.0A	3.5A
+5V & +3.3V combined load			180 W	
+12Vcombined load			816 W	
+5VSB & -12V Combined Load			20 W	
Total power rating			850 W	

REGULATION :

+12V1 : 11.4V~12.6V==== $\pm 5\%$

+12V2 : 11.4V~12.6V==== $\pm 5\%$

+12V3 : 11.4V~12.6V==== $\pm 5\%$

+12V4 : 11.4V~12.6V==== $\pm 5\%$

+5V : 4.75V~5.25V==== $\pm 5\%$

+3.3V : 3.14V~3.47V==== $\pm 5\%$

-12V : -10.8V~-13.2V==== $\pm 10\%$

+5VSB : 4.75V~5.25V==== $\pm 5\%$