

## DEER 400W DR-8400BTX 12cm Fan

### Feature

- Complies with ATX12V Version 2.3 V
- 230 Vac Selectable
- 120\*120\*25mm Cooling fan
- Dimension : 150(L)\*140(W)\*86(H)mm

### Environmental

- Operating temperature : 5°C to 40°C
- Storage temperature : -20°C to 70°C
- MTBF : >65'000hrs at 80% load , 25°C ambient

### EMI/RFI

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

### DC Connectors

One 20+4Pin Main Connector  
Two Serial ATA Connectors  
Three HDD Connectors  
One Floppy Drive Connectors  
One PCI-E

### Electrical Specification

#### Input

- Input range : 230Vac.
- Frequency : 47~63Hz
- Input Current :  
400W : 6A FOR 230Vac
- Efficiency : 65% 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. : 400W
- 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.

Output	Output #	I min	I max.	I peak
+12 V1	1	1A	14A	
+12 V2	2	1A	13A	
+5 V	3	0.5A	14A	
+3.3 V	4	0.5A	20A	
-12 V	5	0.0A	0.3A	
+5 VSB	6	0.0A	2.5A	
+5V & +3.3V combined load			130 W	
+5V & +3.3V & +12V combined load			385 W	
Total power rating			400 W	

- **REGULATION :**

+12V1 : 11.4V~12.6V====±5%  
+12V2 : 11.4V~12.6V====±5%  
+5V : 4.75V~5.25V====±5%  
+3.3V : 3.14V~3.47V====±5%  
-12V : -10.8V~-13.2V====±10%  
+5VSB : 4.75V~5.25V====±5%

- **RIPPLE&NOISE(mV) :**

+12V1 ----- 150mVp-p  
+12V2 ----- 150mVp-p  
+5V ----- 80mVp-p  
+3.3V ----- 100mVp-p  
-12V ----- 150mVp-p  
+5VSB ----- 80mVp-p