

DEER450W DR-8460BTX (DE149XD) 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

Three Serial ATA Connectors

Two HDD Connectors

One Floppy Drive Connectors

One 12V P8 connector (4+4)

Electrical Specification

Input

- Input range : 90V~132Vac or 180V~264Vac.
- Frequency : 47~63Hz
- Input Current :
450W : 10/6A FOR 115/230Vac
- Efficiency : 75% 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. : 450W
- 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.
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- Power good signal : TTL compatible.

Output	Output #	I min	I max.	I peak
+12 V1	1	1A	14A	
+12 V2	2	1A	16A	
+5 V	3	0.5A	15A	
+3.3 V	4	0.5A	22A	
-12 V	5	0.0A	0.3A	
+5 VSB	6	0.0A	2.5A	
+5V & +3.3V combined load			130 W	
+5V & +3.3V & +12Vcombined load			435 W	
Total power rating			450 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