

DR-B300ATX(P4 ATX12V)

Feature

- Complies with ATX/ATX12V Version 1.2
- 115/230 Vac Switch Selectable
- Thermal Fan-speed Control
- With 80*80*25mm Cooling fan
- Dimension : 150(L)*140(W)*86(H)mm

Environmental

- Operating temperature : 10 to 40
- Storage temperature : -20 to 70
- MTBF : >50'000hrs at 80% load , 25 ambient



EMI/RFI

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

Electrical Specification

Input

- Input range : 90V~132Vac or 180V~264Vac.
- Frequency : 47~63Hz
- Input Current :
300W : 8A/4A FOR 115/230Vac
- 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	Output #	I min	I max.	I peak
+5 V	1	0.3A	30A	
+12 V	2	0.0A	15A	18A
+3.3 V	3	0.3A	28A	
-5 V	4	0.0A	0.3A	
-12 V	5	0.0A	0.8A	
+5 VSB	6	0.0A	2A	2.5A
+5V & +3.3V combined load			180 W	
+5V & +3.3V & +12V combined load			280 W	
Total power rating			300 W	

SAFETY

- UL , TUV , CB , CSA , NEMKO , SEMKO , DEMKO , FIMKO

Output

- Max. : 300W
- 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 : 120-180%
- Short circuit : Latch Off.

- **REGULATION :**

+5V : 4.75V~5.25V====±5%
+12V : 11.4V~12.6V====±5%
-5V : -4.5V~-5.5V ====±10%
-12V : -10.8V~-13.2V====±10%
+3.3V : 3.14V~3.47V====±5%
+5VSB : 4.75V~5.25V====±5%

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

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