

1. AC Input

Parameter	Min.	Nom.	Max.
Vin	103 Vrms	115 – 240 Vrms	264 Vrms
Vin Frequency	47 Hz	50 / 60 Hz	63 Hz

2. Efficiency

80% typically at 50% ROL and 115 & 230 Vrms input voltage.

3. DC Output Regulation

Output	Tolerance	Min.	Nom.	Max.	Unit
+5V	+/- 5%	+4.75	+5.00	+5.25	Volts
+3.3V	+/- 5%	+3.14	+3.30	+3.47	Volts
+12V1	+/- 5%	+11.40	+12.00	+12.60	Volts
+12V2	+/- 5%	+11.40	+12.00	+12.60	Volts
-12V	+/- 10%	-10.80	-12.00	-13.20	Volts
+5Vsb	+/- 5%	+4.75	+5.00	+5.25	Volts

4. DC Output Load

DC Output	+5V	+3.3V	+12V1	+12V2	-12V	+5Vsb
Nominal Output Voltage (V)	5	3.3	12	12	-12	5
Min. Current (A)	1	0.5	1	1	0	0
Max. Current (A)	18	22	17	17	0.6	3
Peak Current (A)						3.5
Max. Power (W)	90	72.6	204	204	7.2	15
Combined Max. Power (W)	130		408		7.2	15
Total Max. Output Power (W)	500					

5. Hold Up Time

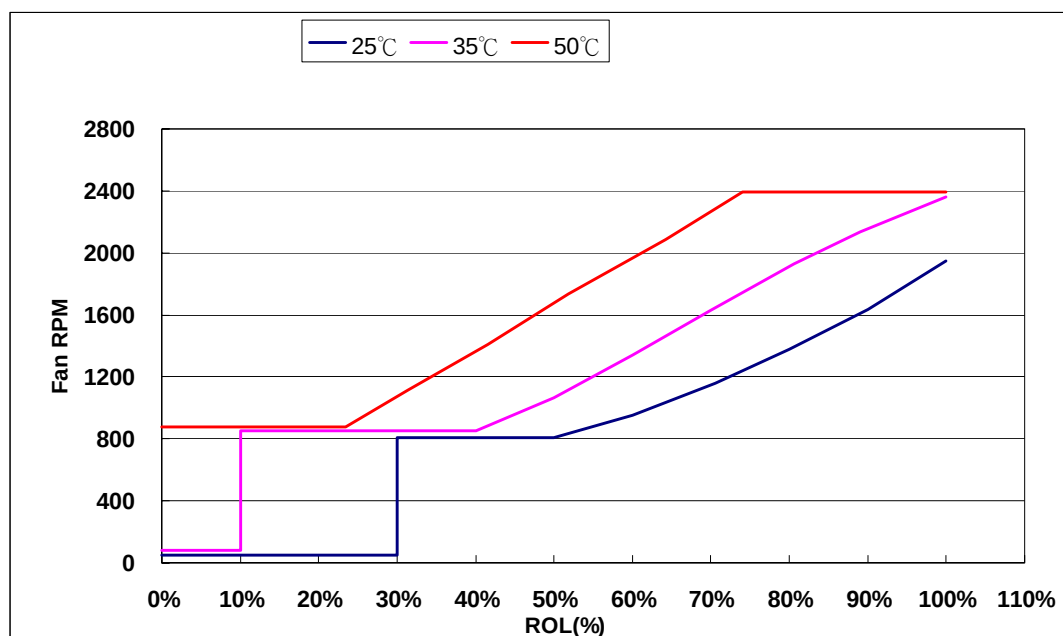
10 mS @ 230 Vrms / 50 Hz, Full Load

6. Rise Time

2 ~ 20 mS

7. Acoustics Noise

0 ~ 25 dBA (Under 50% ROL and 25 °C ambient temperature)



8. Protections

SCP, OVP, OCP, OPP, OTP

9. Over Voltage Protection

Output	Min.	Nom.	Max.	Unit
+3.3 Vdc	3.7	4.2	4.3	Volts
+5 Vdc	5.7	6.3	7.0	Volts
+12 Vdc	13.4	15.0	15.6	Volts

10. Operating Temperature

0°C to +50°C for 0% ~ 85 % Load

0°C to +35°C for 85% ~ 100% Load

11. Safety (Compliance With)

UL 60950 3rd Edition –CAN/CSA-C22.2-60950-00,

EN60 950 3rd Edition

IEC60 950 3rd Edition (CB Report to include all national deviations)

EU Low Voltage Directive (73/23/EEC) (CE Compliance)

GB4943-90 CCIB (China)

12. Mechanical Outline

