

◆ **INPUT CHARACTERISTICS:**

- VOLTAGE: 100VAC - 240 VAC
- FREQUENCY: 50 - 60 HZ
- INPUT CURRENT: 16.0 A –9.0A FOR 100-240VAC
- INRUSH CURRENT: 160 A MAX FOR 230VAC
90 A MAX FOR 115VAC



◆ **SPECIFICATION:**

- EFFICIENCY: 83% TYPICAL, FULL LOAD CONDITION AT 230 VAC INPUT.
- POWER GOOD SIGNAL: ON DELAY TIME 100 ~ 500 ms, OFF DELAY TIME 1ms.
- HOLD UP TIME: 17ms AT 25 FULL LOAD CONDITION AT 115/230 VAC INPUT.
- OPERATING TEMPERATURE RANGE: 0 ~ 50 .
- REMOTE ON/OFF CONTROL: THE POWER SUPPLY OUTPUT SHALL BE ENABLED WITH AN ACTIVE-LOW TTL SIGNAL. WHEN TTL SIGNAL IS LOW, THE DC OUTPUTS ARE TO BE ENABLED. WHEN TTL SIGNAL IS HIGH OR OPEN CIRCUITED, THE DC OUTPUTS ARE TO BE DISABLED.
- OVER POWER PROTECTION: AT 115/230 VAC INPUT THE POWER SUPPLY WILL SHUT DOWN ALL DC OUTPUT WITH IN 105% TO 150% OF FULL LOAD.
- OVER VOLTAGE PROTECTION: +5V 7.0V, +12V1,2,3,4 15.6V, +3.3V 4.3V.
- DIMENSION: 220 (D) x 150 (W) x 86 (H) mm.
- COOLING: ONE 80 mm DC FAN.
- ACTIVE POWER FACTOR CORRECTION: EN 61000-3-2: 1995+A1+A2: 1998, CLASS D.

◆ **OUTPUT CHARACTERISTICS:**

OUTPUT VOLTAGE	OUTPUT CURRENT		REGULATION		OUTPUT	
	MIN [A]	MAX [A]	LOAD	LINE	RIPPLE MAX [P-P]	NOISE MAX [P-P]
+5V	1.5	30	±5%	±1%	50mV	50mV
+12V1	1.5	18	±5%	±1%	120mV	120mV
+12V2	1.5	18	±5%	±1%	120mV	120mV
+12V3	1.5	18	±5%	±1%	120mV	120mV
+12V4	1.5	26	±5%	±1%	120mV	120mV
+3.3V	0.5	30	±5%	±1%	50mV	50mV
-12V	0	0.8	±10%	±1%	120mV	120mV
+5VSB	0	4.0	±5%	±1%	50mV	50mV

1. MAXIMUM CONTINUOUS COMBINED LOAD ON +5V AND +3.3V OUTPUTS SHALL NOT EXCEED **200W**.
+12V1, 2,3 AND +12V4 OUTPUTS SHALL NOT EXCEED **80A**.
2. MAXIMUM CONTINUOUS COMBINED LOAD ON +5V, +3.3V AND +12V1, 2,3,4 OUTPUTS SHALL NOT EXCEED **975 W**.
3. MAXIMUM CONTINUOUS TOTAL DC OUTPUT POWER SHALL NOT EXCEED **1000W**.