

◆ **INPUT CHARACTERISTICS:**

- VOLTAGE: 110 VAC ~ 240 VAC  
FULL RANGE(WITH  $\pm 10\%$  TOLERANCE)
- FREQUENCY: 50 ~60 HZ
- INPUT CURRENT: 10-6A (RMS)
- INRUSH CURRENT: 150 A MAX



◆ **SPECIFICATION:**

- EFFICIENCY: 82% MIN ,TYPICAL LOAD CONDITION AT 115/230 VAC INPUT.
- POWER GOOD SIGNAL: ON DELAY TIME 100 ~ 500 ms, OFF DELAY TIME 1ms.
- HOLD UP TIME: 16ms AT 25°C FULL LOAD CONDITION AT 115/230 VAC INPUT.
- OPERATING TEMPERATURE RANGE: 5°C ~ 40°C.
- 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 WITHIN 110% TO 150% OF FULL LOAD.
- OVER VOLTAGE PROTECTION: +5V → 7.5V, +12V → 16.5V, +3.3V → 5.2V
- EMI REQUIREMENT: FCC PART 15 SUB PART J CLASS B AT SYSTEM LOAD, CISPR 22 CLASS B.
- SAFETY: UL.CUL,TUV.CB
- DIMENSION: 150 (D) x 163 (W) x 86 (H) mm.
- COOLING: ONE 135mm 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]
+3.3V	1.0	20	$\pm 5\%$	$\pm 1\%$	50mV	50mV
+5V	1.0	22	$\pm 5\%$	$\pm 1\%$	50mV	50mV
+12V	1.0	58	$\pm 5\%$	$\pm 1\%$	120mV	120mV
-12V	0	0.3	$\pm 10\%$	$\pm 1\%$	120mV	120mV
+5VSB	0	2.5	$\pm 5\%$	$\pm 1\%$	50mV	50mV

1. MAXIMUM CONTINUOUS COMBINED LOAD ON +5V AND +3.3V OUTPUTS SHALL NOT EXCEED 150W.
2. MAXIMUM CONTINUOUS TOTAL DC OUTPUT POWER SHALL NOT EXCEED 720W.