

**U INPUT CHARACTERISTICS:**

- § VOLTAGE: 100VAC ~ 240 VAC
- § FREQUENCY: 50 ~60 HZ
- § INPUT CURRENT: 7~4 A (RMS)
- § INRUSH CURRENT: 80A for 230VAC / 60A for 115VAC.


**U SPECIFICATION:**

- § EFFICIENCY: 78% MAXIMUM, FULL LOAD CONDITION AT 115/230 VAC INPUT.
- § POWER GOOD SIGNAL: ON DELAY TIME 100 ~ 500 ms, OFF DELAY TIME 1ms.
- § HOLD UP TIME: 16 ms AT 25°C 80% LOAD CONDITION AT 115-230 VAC INPUT.
- § OPERATING TEMPERATURE RANGE: 5°C ~ 50°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 WITH IN 110% TO 150% OF FULL LOAD.
- § OVER VOLTAGE PROTECTION: +5V → 6.5V, +12V → 15.5V, +3.3V → 4.6V.
- § EMI REQUIREMENT: FCC PART 15 SUBPART B, CLASS B AT SYSTEM LOAD, CISPR 22 CLASS B.
- § SAFETY: TUV, UL, CE, CB, FCC, BSMI
- § DIMENSION: 140 (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.

**U OUTPUT CHARACTERISTICS:**

OUTPUT VOLTAGE	OUTPUT CURRENT		REGULATION		OUTPUT	
	MIN [A]	MAX [A]	LOAD	LINE	RIPPLE MAX [P-P]	NOISE MAX [P-P]
+12V1	2.0	16	±5%	±1%	120mV	120mV
+12V2	2.0	16	±5%	±1%	120mV	120mV
+5V	2.0	30	±5%	±1%	50mV	50mV
+3.3V	2.0	28	±5%	±1%	50mV	50mV
-12V	0	0.8	±10%	±1%	120mV	120mV
-5V	0	0.3	±10%	±1%	100mV	100mV
+5VSB	0.1	2.5	±5%	±1%	50mV	50mV

1. MAXIMUM CONTINUOUS COMBINED LOAD ON +5V AND +3.3V OUTPUTS SHALL NOT EXCEED 150W.
2. MAXIMUM CONTINUOUS COMBINED LOAD ON +12V1, +12V2, OUTPUTS SHALL NOT EXCEED 360 W(30A).
3. MAXIMUM CONTINUOUS TOTAL DC OUTPUT POWER SHALL NOT EXCEED 400W.