

**INPUT CHARACTERISTICS:****MPN1-6300P**

- VOLTAGE: 90 - 264 VAC FULL RANGE
- FREQUENCY: 47 - 63 Hz
- INPUT CURRENT: 5.0/2.5 A (90 / 180 VAC)
- INRUSH CURRENT: 30A / 60A MAX. FOR 115 / 230 VAC PER MODULE

**OUTPUT CHARACTERISTICS:**

OUTPUT VOLTAGE	OUTPUT CURRENT			REGULATION		OUTPUT
	MIN. [A]	MAX. [A]	PEAK(A)	LOAD	LINE	RIPPLE & NOISE MAX. [P-P]
5V	3.0	25	30	± 5%	± 1%	50mV
12V	1.5	12	16	± 6%	± 1%	100mV
-5V	0.05	0.5		±11%	± 1%	120mV
-12V	0.05	0.5		± 11%	± 1%	120mV
3.3V	1	20	25	± 5%	± 1%	50mV
+5VSB	0.1	1.2		± 6%	± 1%	50mV

REMARKS: TOTAL OUTPUT CURRENT OF +5V AND +3.3V NOT EXCEED 35 A  
TOTAL OUTPUT OF +5V AND +3.3V, AND 12V NOT EXCEED 280 W

- TEMPERATURE RANGE: OPERATING 0 --- 40
- HOLD UP TIME: 16 ms MINIMUM AT FULL LOAD & 90 VAC INPUT VOLTAGE
- DIELECTRIC WITHSTAND: INPUT / OUTPUT 1500 VAC FOR 1 SECOND  
INPUT TO FRAME GROUND 1500 VAC FOR 1 SECOND
- EFFICIENCY: 68% TYPICAL AT FULL LOAD
- POWER GOOD SIGNAL: ON DELAY 100 ms TO 500 ms
- OVER LOAD PROTECTION: 130 +/- 20%
- OVP : **+5V → 5.7 ~ 6.5V, 12V → 13.6 ~ 15.0V, 3.3V → 3.9 ~ 4.3 V**
- SHORT CIRCUIT PROTECTION: **Shut down and latch off**
- EMI NOISE FILTER: FCC CLASS B, CISPR22 CLASS B
- SAFETY: MEET UL 1950, CSA 22.2 NO/ 950, TÜV IEC 950
- REMOTE ON / OFF CONTROL  
THE UNIT SHALL ACCEPT A LOGIC OPEN COLLECTOR LEVEL WHICH WILL DISABLE / ENABLE ALL THE OUTPUT VOLTAGE (EXCLUDE +5V STANDBY), AS LOGIC LEVEL IS LOW, OUTPUTS VOLTAGE WERE ENABLE, AS LOGIC LEVEL IS HIGH, OUTPUTS VOLTAGE WERE DISABLE.
- N + 1 REDUNDANCY FUNCTION
- HOT-SWAPPABLE FUNCTION
- CURRENT / BALANCE LOAD SHARING DESIGN
- 3.3V / 5V REMOTE SENSING
- WARNING : AUDIO ALARM, LEDS, POWER DEFECTIVE SIGNAL
- ISOLATION: BUILT-IN IN POWER MODULE
- POWER FACTOR CORRECTION: ACTIVE ( MEET IEC-1000-3-2 )
- COOLING: TWO 40mm DC FANS & CHASSIS COOLING
- DIMENSION: 160 (D) x 142 (W) x 42.5 (H) mm
- CONNECTION: 48 PINS CONNECTOR ( EPT PART NO. 109-40064 OR EQUIVALENT )

2000/01/12