

INPUT CHARACTERISTICS:**MPN5-6A20P**

- VOLTAGE: 90 - 264 VAC FULL RANGE
- FREQUENCY: 47 - 63 Hz
- INPUT CURRENT: 18 / 9.0 A (90 / 180 VAC)
- INRUSH CURRENT: 30A / 60A MAX. FOR 115 / 230 VAC PER MODULE

OUTPUT CHARACTERISTICS:

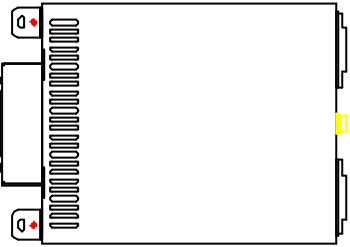
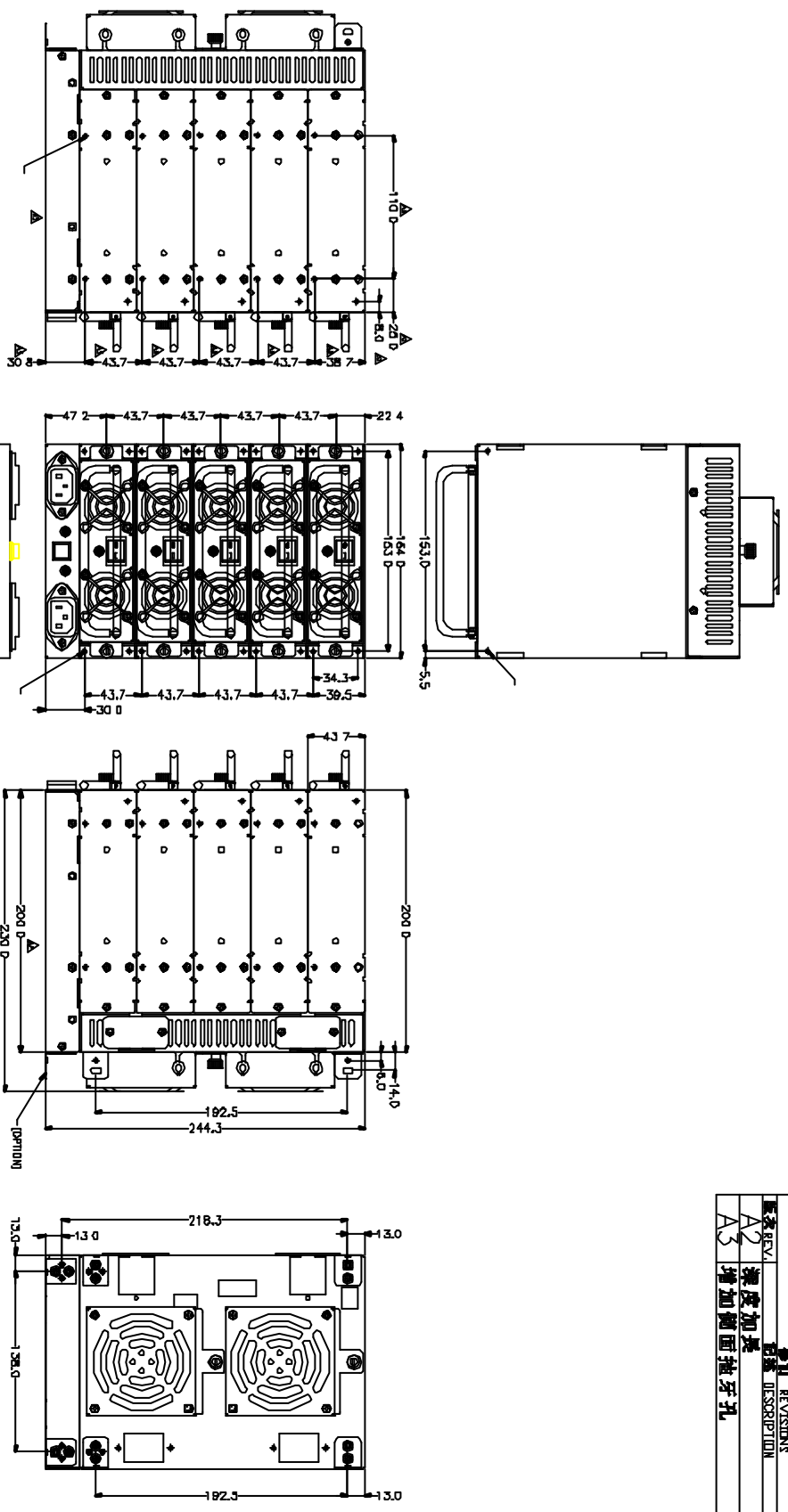
OUTPUT VOLTAGE	OUTPUT CURRENT			REGULATION		OUTPUT
	MIN. [A]	MAX. [A]	PEAK(A)	LOAD	LINE	RIPPLE & NOISE MAX. [P-P]
5V	12.0	100	120	± 5%	± 1%	60mV
12V	6.0	48	64	± 6%	± 1%	120mV
-5V	0.05	1.5		±11%	± 1%	120mV
-12V	0.05	1.5		± 11%	± 1%	150mV
3.3V	1	80	100	± 5%	± 1%	60mV
+5VSB	0.1	2.1		± 5%	± 1%	50mV

REMARKS: TOTAL OUTPUT CURRENT OF +5V AND +3.3V NOT EXCEED 140 A
TOTAL OUTPUT POWER NOT EXCEED 1020 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
- ISOLATION: BUILT-IN IN POWER MODULE
- POWER FACTOR CORRECTION: ACTIVE (MEET IEC-1000-3-2)
- COOLING: TWO 40mm DC FANS IN EACH MODULE & TWO 80 mm DC FANS IN POWER CHASSIS
- DIMENSION: 230(D) x 164(W) x 244.3(H) mm
- CONNECTION: 48 PINS CONNECTOR (EPT PART NO. 109-40064 OR EQUIVALENT)

2000/01/12

REV.	REVISIONS	DATE
A1	初稿	MAR/11/99
A2	深度加長	DEC-20-1999
A3	增加側面拉牙孔	



材料規格:
MATERIAL

檢核者: JYK
CHECK BY: JYK
日期: DATE

品名: MRN5 外觀尺寸圖 (1)
MODEL NO: MRN5 外觀尺寸圖 (1)

新巨企業股份有限公司
ZIPPY TECHNOLOGY CORP.
POWER DIVISION

公差:
TOLERANCES

檢核者: JYK
CHECK BY: JYK
日期: DATE

圖號: MRN5MA00
DRAWING NO: MRN5MA00

投影法:
PROJECTION

檢核者: JYK
CHECK BY: JYK
日期: DATE

單位: mm
REV. NO: A3

第三角法

日期: DATE

圖號: MRN5MA00
DRAWING NO: MRN5MA00

A B C D E

1 2 3 4 5 6 7