

**INPUT CHARACTERISTICS:****MAN5-3A20P**

- VOLTAGE: 90 - 264 VAC FULL RANGE
- FREQUENCY: 47 - 63 Hz
- INPUT CURRENT: 18.0 /9.0A (90 / 180 VAC)
- INRUSH CURRENT: 30A/60A MAX. FOR 115/230 VAC PER MODULE

**OUTPUT CHARACTERISTICS:**

OUTPUT VOLTAGE	OUTPUT CURRENT		REGULATION		OUTPUT RIPPLE & NOISE MAX. [P-P]
	MIN. [A]	MAX. [A]	LOAD	LINE	
5V	10	100	± 5%	± 1%	50mV
12V	4.0	72	± 6%	± 1%	100mV
+5VSB	0	2.1	± 5%	± 1%	50mV

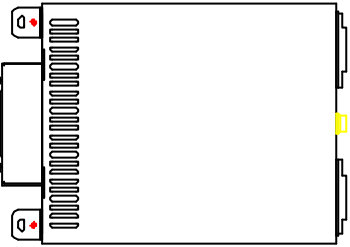
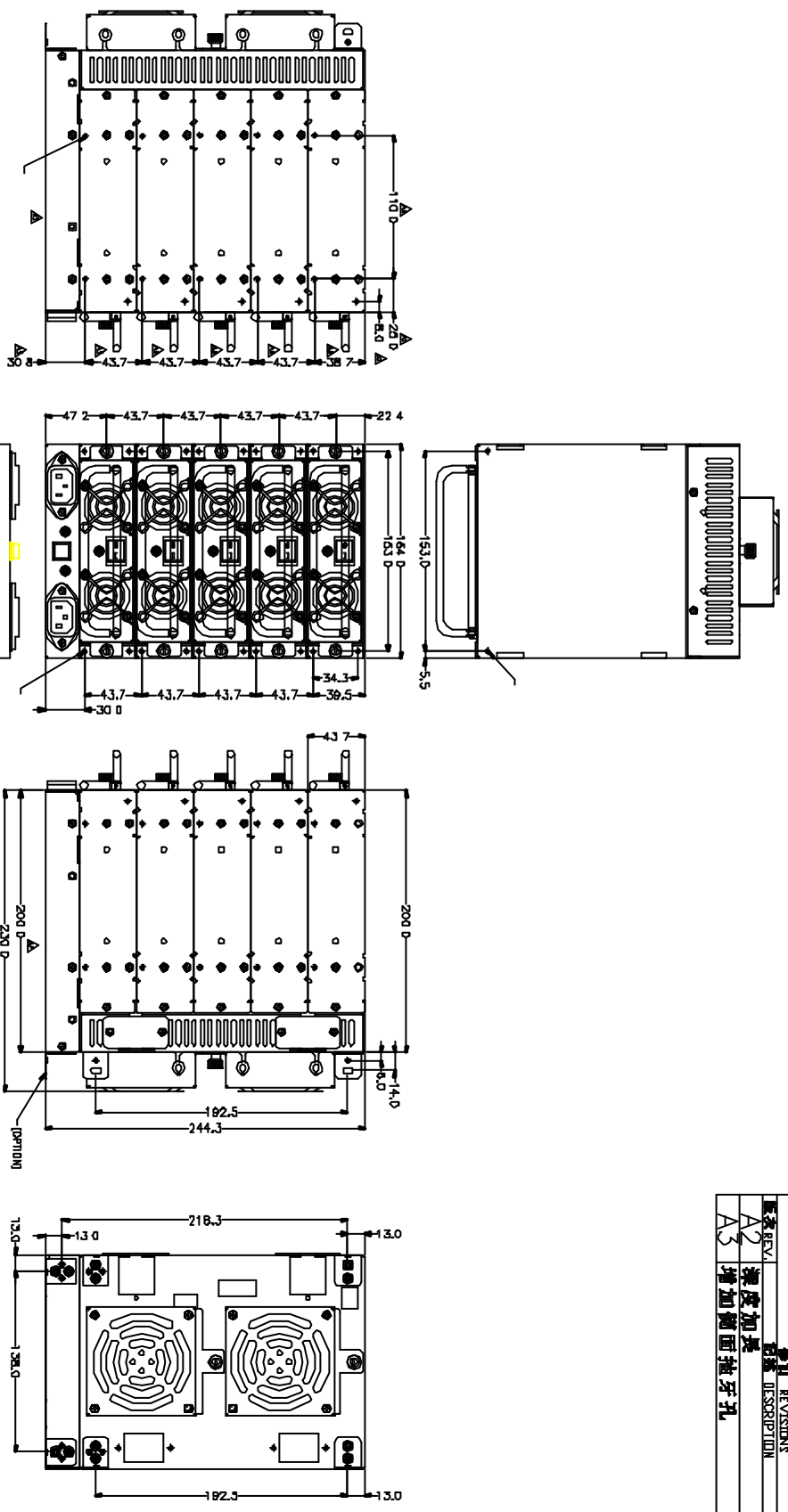
REMARKS: MAX. TOTAL OUTPUT: 1020W

**SPECIFICATION:**

- TEMPERATURE RANGE: OPERATING 0 --- 40
- HOLD UP TIME: 16 ms MINIMUM AT FULL LOAD & NORMAL INPUT VOLTAGE
- DIELECTRIC WITHSTAND: INPUT / OUTPUT 1500 VAC FOR 1 SECOND  
INPUT TO FRAME GROUND 1500 VAC FOR 1 SECOND
- EFFICIENCY: 68% TYPICAL
- POWER GOOD SIGNAL: ON DELAY 100 ms TO 500 ms
- OVER LOAD PROTECTION: 130 +/- 20%
- OVER VOLTAGE PROTECTION: **+5V → 5.74V ~ 7V, 12V → 14.3V ~ 15.6V, 5VSB → 5.74 ~ 7V**
- SHORT CIRCUIT PROTECTION: **Shut down and latch off**
- EMI NOISE FILTER: FCC CLASS B, CISPR22 CLASS B
- SAFETY: MEET UL 1950, CSA 22.2 MP/ 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
- 12V / 5V REMOTE SENSING
- ISOLATION: BUILT-IN IN EACH POWER MODULE
- COOLING: TWO 40mm DC FANS IN EACH MODULE & TWO 80mm DC FANS IN POWER CHASSIS
- DIMENSION: 230 (D) x 164 (W) x 244.3 (H) mm

Revision: A01

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

檢驗公差:  
TOLERANCES

XXX ±.025  
XX ±.100  
X ±.250

投影法:  
PROJECTION

第三角法

繪圖者:  
DRAWN BY

日期:  
DATE

審核者:  
CHECK BY

日期:  
DATE

繪圖者:  
DRAWN BY

日期:  
DATE

材料規格:  
MATERIAL

檢驗公差:  
TOLERANCES

XXX ±.025  
XX ±.100  
X ±.250

投影法:  
PROJECTION

第三角法

新巨企業股份有限公司  
ZIPPY TECHNOLOGY CORP.  
FAN/FILTER DIVISION

品名: MRN5 外觀尺寸圖 (1)

料號: PART NO.

圖號: MRN5MA00 圖號: MRN5MA00

單位: mm 單位: A3 規格: A0 圖號: DF

圖號: MRN5MA00 圖號: MRN5MA00

單位: mm 單位: A3 規格: A0 圖號: DF

圖號: MRN5MA00 圖號: MRN5MA00

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單位: mm 單位: A3 規格: A0 圖號: DF

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