

ZIPPY TECHNOLOGY CORP
POWER DIVISION
PRODUCT SPECIFICATIONS

MODEL : AB1U-5120V

120WATTS 1U ATX POWER SUPPLY

A、 INPUT CHARACTERISTICS :

- 1、 VOLTAGE : 10 ~ 36VDC
- 2、 INPUT CURRENT : 14.5A/4A at any low/high range input voltage.
- 3、 INRUSH CURRENT : 15Amps (MAX)@ 36 VDC (at 25 degrees ambient cold start)

B、 OUTPUT CHARACTERISTICS :

OUTPUT VOLTAGE	OUTPUT CURRENT		REGULATION		OUTPUT RIPPLE & NOISE MAX. [P-P]
	MIN.	MAX.	LOAD	LINE	
+5V	0A	14A	±5%	±50mV	50mV (P-P)
+12V	0.1A	8A	±5%	±120mV	120mV (P-P)
-12V	0A	0.5A	±10%	±120mV	120mV (P-P)
+3.3V	0A	12A	±5%	±50mV	50mV (P-P)
+5Vsb	0A	1.5A	±5%	±50mV	50mV (P-P)

** +5V and +3.3V total output max : 70W(with 20CFM)

** +5V and +3.3V total output max : 50W(without FAN)

** Total Output Power : 120W(with 20CFM)

** Total Output Power : 86W(without FAN)

C、 SPECIFICATION

- 1、 TEMPERATURE RANGE : OPERATING 0°C ~ 50°C
HOLD UP TIME : 2mS MINIMUM AT 10V FULL LOAD
- 2、 DIELECTRIC WITHSTAND : INPUT/OUTPUT 1800 VAC FOR 1 SECOND
INPUT TO FRAME GROUND 1800 VAC FOR 1 SECOND
- 3、 EFFICIENCY : 82% TYPICAL , AT FULL LOAD 12Vdc
- 4、 OVER POWER PROTECTION : 110 ~ 160% MAX
- 5、 OVER VOLTAGE PROTECTION
- 6、 SHORT CIRCUIT PROTECTION
- 7、 SAFETY : TO MEET UL, CUL, TUV
- 8、 REMOTE ON/OFF CONTROL

THE POWER SUPPLY SHALL ACCEPT A LOGIC OPEN COLLECTOR LEVEL WHICH WILL

APPROVAL	CHECK	DESIGN	REV.
			A1

DISABLE/ENABLE ALL THE OUTPUT VOLTAGE (EXCLUDE +5V STAND BY).

AS LOGIC LEVEL IS LOW , OUTPUTS VOLTAGE WERE ENABLE ,

AS LOGIC LEVEL IS HIGH , OUTPUTS VOLTAGE WERE DISABLE.

9、 DIMENSION : 152mm(L)*84mm(W)*39mm(H)

10、 MEET IEC-1000-3-2 CLASS D

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