

Date : Jun.30,1999

Temperature increase of main components: 主要部品温度上昇

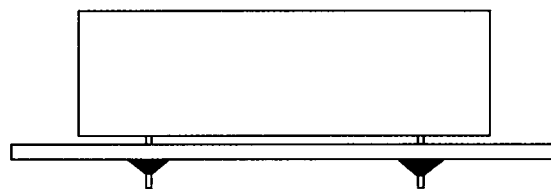
Model : YW15A

1. Conditions

- (1) Input : AC 85 ~ 132 [V]
- (2) Output : Rated output
- (3) Mounting method : Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT)			Rated temp. [°C]	Reference
			[deg]				
			YW1512A	YW1515A			
1	Line filter	L1	49	47		120	
2	Input capacitor	C3	33	34		105	
3	Rectifier(Input)	SS1	48	46		150	Junction temp.
4	Transformer	T1	48	49		120	
5	Switching transistor	TR3	49	52		150	Junction temp.
6	Ttransistor	TR1	44	44		150	Junction temp.
7	Rectified diode(Output)	SS5	56	51		150	Junction temp.
8	Output choke	L3	38	36		120	
9	Output capacitor	C18	38	36		125	
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							



(Side view)

Fig.1.1 Mounting method
(Normal position)