

Date : Oct.13,1999

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

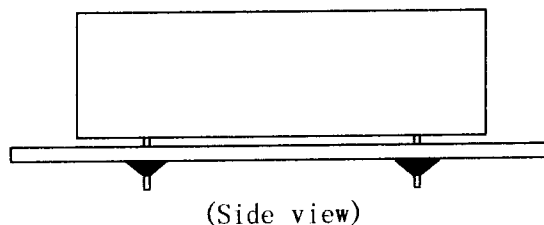
Model : YS5A

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]				
			YS505A	YS512A			
1	Line filter	L1	27	26		120	
2	Input capacitor	C3	22	23		105	
3	Rectifier(Input)	SS1	37	37		150	Junction temp.
4	Transformer	T1	30	26		120	
5	Switching transistor	TR3	34	35		150	Junction temp.
6	Transistor	TR1	29	29		150	Junction temp.
7	Rectified diode(Output)	D11	34	34		150	Junction temp.
8	Output choke	L2	27	26		120	
9	Output capacitor	C17	27	26		125	
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							



(Side view)

Fig.1.1 Mounting method
(Normal position)