

Date : Jul.27,1999

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

Model : YW10A

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]				
			YW1012A	YW1015A			
1	Line filter	L1	39	37		120	
2	Input capacitor	C3	34	32		105	
3	Rectifier(Input)	SS1	56	54		150	Junction temp.
4	Transformer	T1	43	41		120	
5	Switching transistor	TR3	56	51		150	Junction temp.
6	Power control IC	IC1	30	30		150	Junction temp.
7	Rectified diode(Output)	SS5	48	46		150	Junction temp.
8	Output choke	L3	41	39		120	
9	Output capacitor	C18	24	22		125	
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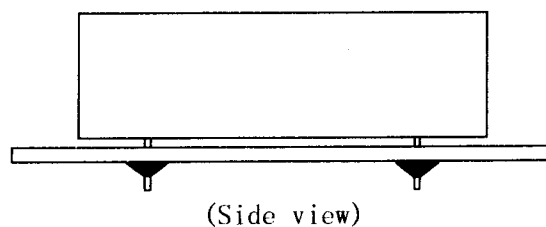


Fig.1.1 Mounting method
(Normal position)