

Date : Apr.27,1999

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

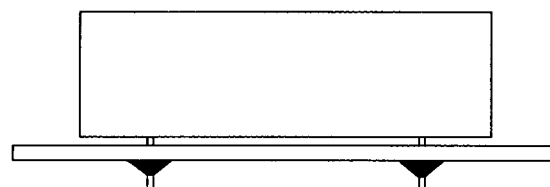
Model : YS10A

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]							
			5V	12V						
1	Line filter	L1	44	42					120	
2	Rectifier(Input)	SS1	61	59					150	Junction temp.
3	Input capacitor	C3	33	33					105	
4	Transformer	T1	48	42					120	
5	Switching transistor	TR3	52	53					150	Junction temp.
6	Power control IC	IC1	33	31					150	Junction temp.
7	Rectified diode(Output)	SS2	58	52					150	Junction temp.
8	Output choke	L2	43	43					120	
9	Output capacitor	C19	30	29					125	
10										
11										
12										
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17										
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19										
20										



(Side view)

Fig.1.1 Mounting method
(Normal position)