

Date : Nov.3,1999

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

Model : RMB15A

## 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 ( $\Delta T$ )						Rated temp. [°C]	Reference
			[deg]							
			-1	-2						
1	Line filter	L11	28	26					120	
2	Rectifier(Input)	SS11	49	48					150	Junction temp.
3	Switching transistor	TR12	59	60					150	Junction temp.
4	Transformer	T11	42	36					120	
5	Rectified diode(Output)	D51	32	30					150	Junction temp.
6	Rectified diode(Output)	D61	53	41					150	Junction temp.
7	Voltage regulator	IC51	50	49					150	Junction temp.
8	Smooth reactor(Output)	L61	27	26					120	
9	Input capacitor	C13	22	20					105	
10	Output capacitor	C51	26	22					105	
11	Output capacitor	C52	15	13					105	
12	Output capacitor	C61	25	22					105	
13	Output capacitor	C63	18	16					105	
14	Output capacitor	C65	22	24					105	
15										
16										
17										
18										
19										
20										

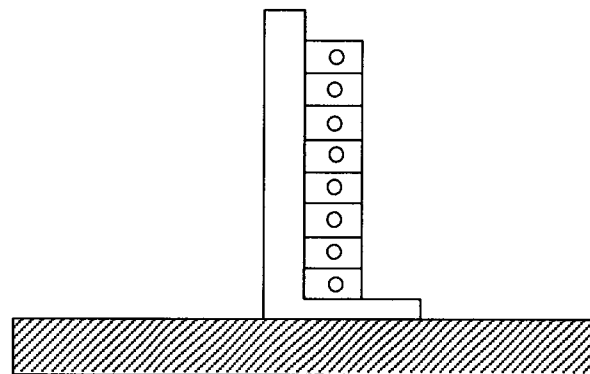


Fig.1.1 Mounting method  
(Normal position)