

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

Output modules for AME series  
Module: R

1. Conditions

- (1) Input : AC 85~264V
- (2) Output : Rated Output
- (3) Mounting method : As shown in Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase ( $\Delta T$ )[deg]	Rated temp. [°C]	Reference
			R		
1	Transformer	T501	60	130	
2	Rectifying diode(Input)	SS501	62	150	Junction Temp.
3	Rectifying diode(Input)	SS551	68	150	Junction Temp.
4	Power control IC	IC601	71	150	Junction Temp.
5	Power control IC	IC651	76	150	Junction Temp.
6	Rectifying diode(Output)	D601	53	150	Junction Temp.
7	Rectifying diode(Output)	D651	49	150	Junction Temp.
8	Output choke	L601	49	150	
9	Output choke	L651	51	150	
10	Output capacitor	C621	34	125	
11	Output capacitor	C671	36	125	
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※ The results depend on the combination of output modules.  
The above is the data in the worst case.

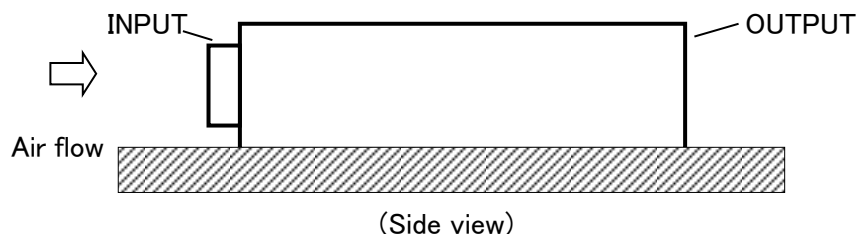


Fig.1.1 Mounting method  
(Normal position)