

Date : May.20,2026

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

Model: PJA50F

1. Conditions

- (1) Input :85 ~ 264 [VAC]
 (2) Output :Rated output *Derating is required at 85-115[VAC] input.
 (3) Mounting method :As shown in Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT)						Rated temp. [°C]	Reference
			[deg]							
			5V	12V	15V	24V				
1	Line Filter	L101	52.6	61.5	54.5	53.1			130	
2	Rectifier(Input)	SS101	62.1	67.9	61.8	64.9			150	Junction Temp.
3	Input Capacitor	C201	35.8	33.5	28.1	28.5			105	
4	Switching Transistor	TR201	73.3	63.3	48.2	50			150	Junction Temp.
5	Transformer	T201	49.6	56.2	47.6	49.2			130	
6	Rectifying Diode(Output)	SS501	66.2	64.8	51.1	61			150	Junction Temp.
7	Output Choke	L501	44.5	51.9	36.7	42.2			130	
8	Output Capacitor	C503	45.4	47.1	32	36.4			105	
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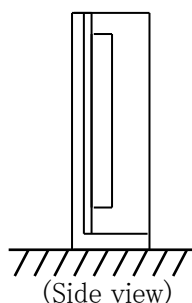


Fig.1.1 Mounting method
(Normal position)

*All information presented herein are not guaranteed.

*本資料は参考資料であり、その内容を保証するものではありません。