

Date : May.20,2026

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

Model: PJA30F

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	56.3	48.5	52	53.4			130	
2	Rectifier(Input)	SS101	59.2	49.9	50.6	51.9			150	Junction Temp.
3	Input Capacitor	C201	29.4	24.6	24.2	24.1			105	
4	Switching Transistor	TR201	50	43.7	43.2	43			150	Junction Temp.
5	Transformer	T201	59.8	56.9	50.9	52.3			130	
6	Rectifying Diode(Output)	SS501	53.2	45.1	41	35.2			150	Junction Temp.
7	Output Choke	L501	47.9	39.7	33.3	25.1			130	
8	Output Capacitor	C503	42.8	31.7	27.8	25.1			105	
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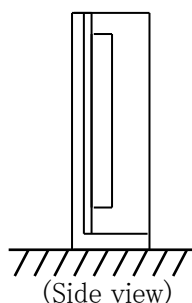


Fig.1.1 Mounting method
(Normal position)

*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。