

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

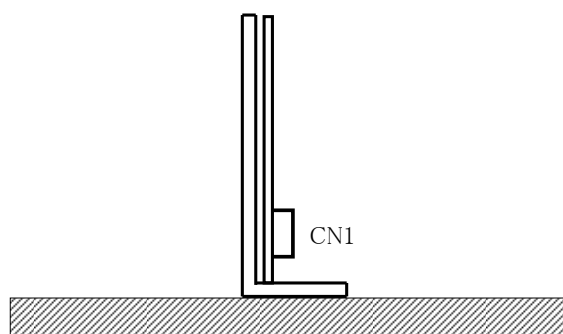
Model: PMA60F

1. Conditions

- (1) Input : AC 85 ~ 264 [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]								
			3.3V	5V	12V	15V	24V				
1	Line Filter	L101	39	57	62	60	57			130	
2	Rectifier(Input)	SS101	44	61	63	61	57			150	Junction Temp.
3	Choke Coil(Pfc)	L103	34	43	46	45	49			120	
4	Transistor(Pfc)	TR102	33	42	47	45	43			150	Junction Temp.
5	Rectified Diode(Pfc)	D102	38	45	47	50	45			150	Junction Temp.
6	Input Capacitor	C118	35	30	38	41	35			105	
7	Switching Transistor	TR201	52	46	60	50	48			150	Junction Temp.
8	Transformer	T201	54	57	59	52	49			130	
9	Rectified Mos-Fet(Output)	TR501	45	49	-	-	-			150	Junction Temp.
10	Rectified Diode(Output)	SS502	-	-	54	52	43			150	Junction Temp.
11	Output Choke	L507	42	47	49	19	46			130	
12	Output Capacitor	C506	24	28	30	26	23			105	
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Fig.1.1 Mounting method
(position A)

*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。