

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

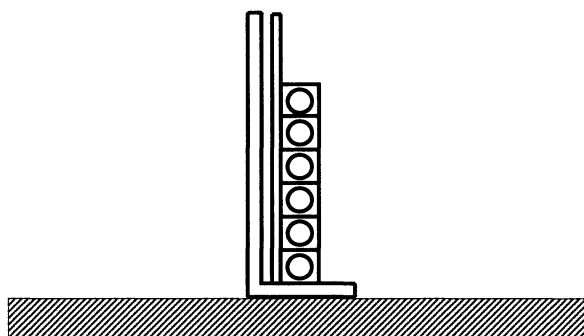
Model: PBW50F

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]							
			$\pm 5V$	$\pm 12V$	$\pm 15V$					
1	Line Filter	L102	37	47	47				120	Junction Temp.
2	Rectifier(Input)	SS101	64	73	73				150	
3	Choke Coil(Pfc)	L103	32	43	43				120	
4	Transistor(Pfc)	TR102	33	38	38				150	Junction Temp.
5	Rectified Diode(Pfc)	D102	41	52	52				150	Junction Temp.
6	Input Capacitor	C118	23	23	23				105	Junction Temp.
7	Switching Transistor	TR201	35	41	44				150	
8	Output Transformer	T201	44	50	48				130	
9	Rectified Diode(Output)	SS501	60	55	52				150	Junction Temp.
10	Rectified Diode(Output)	SS502	59	55	50				150	Junction Temp.
11	Output Choke	L507	51	49	48				120	
12	Output Capacitor	C505	20	23	22				105	
13	Output Capacitor	C507	23	23	22				105	
14										
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18										
19										
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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。