

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

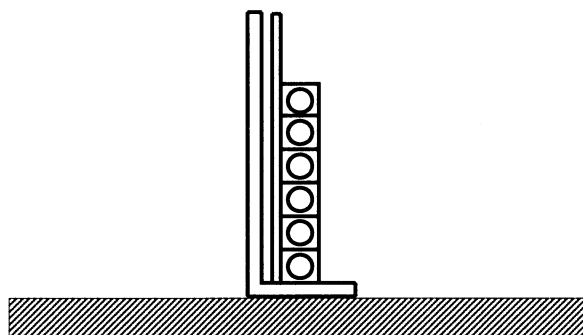
Model: PBW30F

## 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 ( $\Delta T$ )						Rated temp. [°C]	Reference
			[deg]							
			$\pm 5V$	$\pm 12V$	$\pm 15V$					
1	Line Filter	L101	25	64	66				130	
2	Rectifier(Input)	SS101	40	56	66				150	Junction Temp.
3	Input Capacitor	C102	12	20	20				105	
4	Electrolytic Capacitor	C109	14	25	22				105	
5	Power control IC	IC101	42	68	63				150	Junction Temp.
6	Output Transformer	T101	29	56	57				130	
7	Rectified Diode(Output)	SS501	39	64	57				150	Junction Temp.
8	Rectified Diode(Output)	SS502	35	56	53				150	Junction Temp.
9	Output Capacitor	C502	24	37	26				105	
10	Output Capacitor	C507	23	31	23				105	
11	Output Choke	L507	29	37	37				120	
12	Output Choke	L508	29	31	31				120	
13	Output Capacitor	C506	21	26	23				105	
14	Output Capacitor	C510	20	22	20				105	
15										
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18										
19										
20										

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。