

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

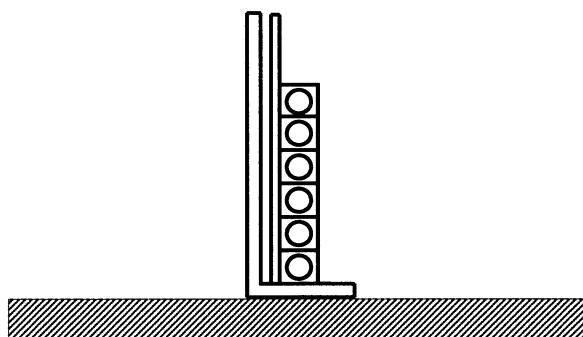
Model: PBW15F

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]							
			$\pm 12V$	$\pm 15V$						
1	Line Filter	L101	54	50					130	
2	Rectifier(Input)	SS101	48	39					150	Junction Temp.
3	Input Capacitor	C102	23	20					105	
4	Electrolytic Capacitor	C109	23	24					105	
5	Power control IC	IC101	63	47					150	Junction Temp.
6	Output Transformer	T101	41	34					130	
7	Output Diode	D503	56	42					150	Junction Temp.
8	Output Diode	D504	56	44					150	Junction Temp.
9	Output Capacitor	C502	23	20					105	
10	Output Capacitor	C507	21	19					105	
11	Output Choke	L507	25	16					120	
12	Output Choke	L508	29	18					120	
13	Output Capacitor	C506	21	20					105	
14	Output Capacitor	C510	21	24					105	
15										
16										
17										
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。