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Temperature increase of main components

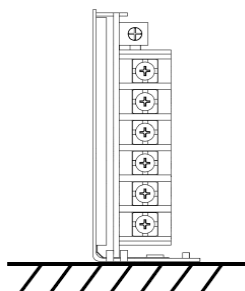
Model: PDW50F

1. Conditions

- (1) Input :AC 85 ~ 264 [V]
 (2) Output :Rated output
 (3) Mounting method :As shown in 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	61	57		130	
2	Rectifier(Input)	SS101	56	56		150	Junction Temp.
3	Input Capacitor	C105	28	29		105	
4	Switching Transistor	TR201	51	53		150	Junction Temp.
5	Transformer	T201	57	54		155	
6	Rectifying Diode(Output)	SS501	46	44		150	Junction Temp.
7	Rectifying Diode(Output)	SS551	47	44		150	Junction Temp.
8	Output Capacitor	C502	38	34		125	
9	Output Capacitor	C503	34	32		125	
10	Output Capacitor	C552	37	36		125	
11	Output Capacitor	C553	34	32		125	
12	Output Choke	L501	42	38		125	
13	Output Choke	L551	41	39		125	
14	Output Capacitor	C505	23	34		105	
15	Output Capacitor	C555	26	25		105	
16							
17							
18							
19							
20							



(Side view)

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。