

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

Model: ADA1000F

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]							
			24V	30V	36V	48V				
1	Rectifier(Input)	SS101	68	68	68	68		150	Junction Temp.	
2	Line Filter	L101	58	58	58	58		120		
3	Choke Coil(Pfc)	L103	51	51	51	51		120		
4	Switching Transistor(Pfc)	TR103	64	64	64	64		150	Junction Temp.	
5	Rectified Diode(Pfc)	SS103	66	66	66	66		150	Junction Temp.	
6	Inrush Current Limiting Thyristor	SCR151	62	62	62	62		150	Junction Temp.	
7	Input Capacitor	C135	32	32	32	32		105		
8	Switching Transistor	TR201	66	66	66	66		150	Junction Temp.	
9	Transformer	T201	55	60	57	55		120		
10	Rectified Diode(Output)	SS503	63	60	58	56		150	Junction Temp.	
11	Output Choke	L507	58	63	61	58		130		
12	Output Capacitor	C510	39	38	38	38		105		
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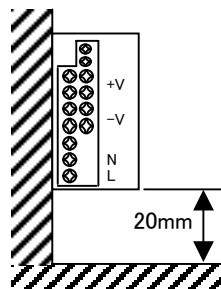


Fig.1.1 Mounting method (position A)