

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

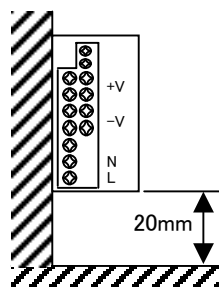
Model: ADA1000F

## 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 ( $\Delta T$ )						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	
13										
14										
15										
16										
17										
18										
19										
20										

Fig.1.1 Mounting method  
(position A)