

Date : Jun.2,2009

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

Model: SCHA/SCDA10000T-48

1. Conditions

- (1) Input : AC 160 ~ 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]							
			48V							
1	Rectifier(Input)	SS101	44						150	Junction Temp.
2	Line Filter	L101	28						120	
3	Choke Coil(Pfc)	L104	27						120	
4	Transistor(Pfc)	TR108	32						150	Junction Temp.
5	Diode(Pfc)	SS105	42						150	Junction Temp.
6	Transistor(Dc-Dc)	TR304	38						150	Junction Temp.
7	Transformer	T302	34						130	
8	Rectified Diode(Output)	SS601	53						150	Junction Temp.
9	Output Choke	L652	24						120	
10	Input Capacitor	C179	10						105	
11	Output Capacitor	C636	10						105	
12										
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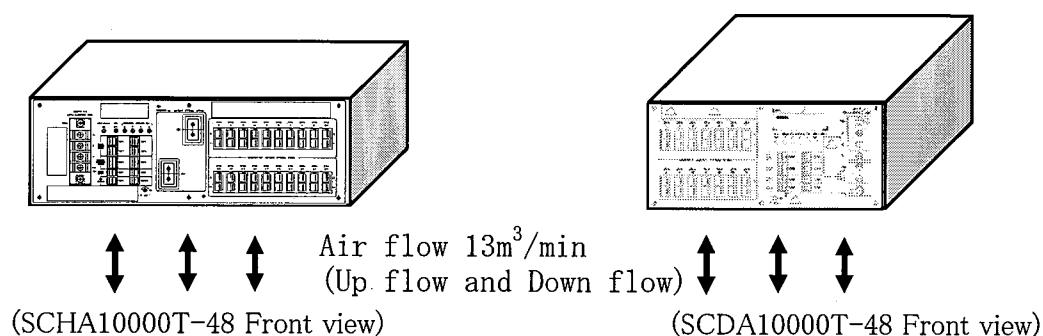


Fig.1.1 Mounting method
(Normal position)