

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

Model: MAX3200T (M3T-CCCCCCCC-00)

1. Conditions

- (1) Input : AC 170~246V 3-phase
- (2) Output : 5V,80A×8\_outputs (3200W)
- (3) Mounting method : Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase ( $\Delta T$ )					Rated temp. [°C]	Reference
			[deg]						
			5V						
1	Line Filter	L101	23				105		
2	Rectifier(Input)	SS101	59				150	Junction Temp.	
3	Thyristor	SCR201	49				125	Junction Temp.	
4	Choke Coil(Pfc)	L201	55				155		
5	Line Filter	L202	27				120		
6	Switching Transistor	TR202	28				150	Junction Temp.	
7	Input Capacitor	C203	13				105		
8	Output Capacitor	C213	17				105		
9	Output Capacitor	C501	11				105		
10	Output Capacitor	C802	3				105		
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13									
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15									
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17									
18									
19									
20									



(Side view)

Fig.1.1 Mounting method  
(Normal position)