

Date : Jan.30,2002

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

Model: MAX1600T (MIT-CCCC-00)

1. Conditions

- (1) Input : AC 170~264V 3-phase
- (2) Output : 5V,80A×4\_output (1600W)
- (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	14				120		
2	Rectifier(Input)	SS102	32				150	Junction Temp.	
3	Thyristor	SCR101	40				125	Junction Temp.	
4	Choke Coil(Pfc)	L201	49				180		
5	Line Filter	L202	24				120		
6	Switching Transistor	TR401	16				150	Junction Temp.	
7	Input Capacitor	C201	17				105		
8	Output Capacitor	C206	7				105		
9	Output Capacitor	C501	5				105		
10	Output Capacitor	C802	9				105		
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									



(Side view)

Fig.1.1 Mounting method  
(Normal position)