

Date : Feb.5,2002

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

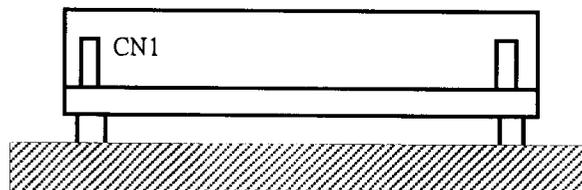
Model: LCA100S-3

1. Conditions

- (1) Input : AC 85 ~ 132V
- (2) Output : 20A
- (3) Mounting method : Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase ( $\Delta T$ )					Rated temp. [°C]	Reference
			[deg]						
			3V						
1	Input Diode	SS11	30				150	Junction Temp.	
2	Line Filter	L11	23				120		
3	Input Capacitor	C14	18				105		
4	Input Capacitor	C15	18				105		
5	Switching Transistor	TR21	48				150	Junction Temp.	
6	Transformer	T11	46				120		
7	Rectified Diode(Output)	SS51	58				150	Junction Temp.	
8	Rectified Diode(Output)	SS52	58				150	Junction Temp.	
9	Output Choke	L51	57				120		
10	Output Capacitor	C53	40				105		
11	Output Capacitor	C54	33				105		
12									
13									
14									
15									
16									
17									
18									
19									
20									



(Side view)

Fig.1.1 Mounting method  
(Normal position)