

Date : Feb.5,2002

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

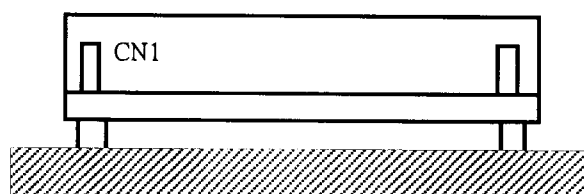
Model: LCA100S-3

## 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)