

Date : Oct.28,2002

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

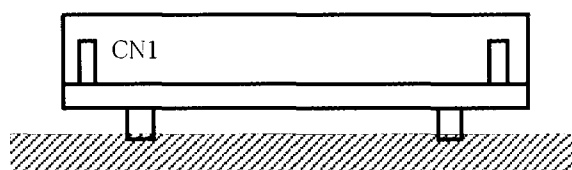
Model: LEP100F

1. Conditions

- (1) Input :AC 85 ~ 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]							
			24V	36V	48V					
1	Rectifier(Input)	SS101	67	67	67				150	Junction Temp.
2	Line Filter	L102	42	42	42				120	
3	Choke Coil(Pfc)	L103	48	48	48				120	
4	Transistor(Pfc)	TR105	57	57	57				150	Junction Temp.
5	Rectified Diode(Pfc)	D102	57	57	57				150	Junction Temp.
6	Input Capacitor	C119	30	30	30				105	
7	Switching Transistor	TR201	52	51	52				150	Junction Temp.
8	Transformer	T201	48	46	53				130	
9	Rectified Diode(Output)	SS501	64	53	49				150	Junction Temp.
10	Output Choke	L507	66	62	62				130	
11	Output Capacitor	C507	30	28	27				105	
12										
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(Side view)

Fig.1.1 Mounting method
(Normal position)