

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

Model: LEP240F

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 ( $\Delta T$ )						Rated temp. [°C]	Reference
			[deg]							
			24V	36V	48V					
1	Rectifier(Input)	SS101	74	68	71				150	Junction Temp.
2	Line Filter	L102	57	57	57				120	
3	Choke Coil(Pfc)	L103	63	63	63				120	
4	Transistor(Pfc)	TR108	64	55	59				150	Junction Temp.
5	Rectified Diode(Pfc)	SS102	66	59	63				150	Junction Temp.
6	Input Capacitor	C119	42	42	42				105	
7	Switching Transistor	TR201	79	80	77				150	Junction Temp.
8	Transformer	T201	59	63	62				130	
9	Rectified Diode(Output)	SS501	84	68	62				150	Junction Temp.
10	Output Choke	L507	67	70	70				130	
11	Output Capacitor	C507	35	30	28				105	
12										
13										
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20										



(Side view)

Fig.1.1 Mounting method  
(Normal position)