

Date : Oct.28,2016

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

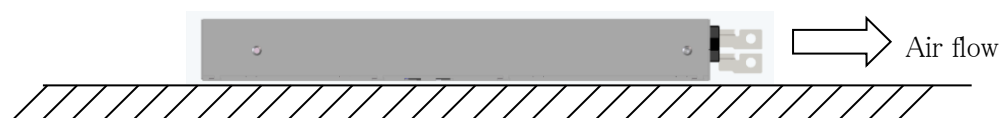
Model: FETA2500BA

1. Conditions

- (1) Input :AC 180 ~ 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]							
			36V	48V						
1	Line Filter	L101	15	16					130	
2	Rectifier(Input)	SS101	22	26					150	Junction Temp.
3	Choke Coil(Pfc)	L104	14	31					130	
4	Transistor(Pfc)	TR102	39	48					150	Junction Temp.
5	Rectified Diode(Pfc)	SS103	25	34					150	Junction Temp.
6	Input Capacitor	C128	13	19					105	
7	Transformer	T301	64	70					155	
8	Switching Transistor	TR301	38	47					150	Junction Temp.
9	Rectified Diode(Output)	SS501	61	62					150	Junction Temp.
10	Output Choke	L501	52	51					130	
11	Output Capacitor	C506	31	34					105	
12	Voltage Regulator	IC802	36	39					150	Junction Temp.
13										
14										
15										
16										
17										
18										
19										
20										



(Side view)

Fig.1.1 Mounting method
(Normal position)