

Date : Jul.21,2021

Temperature increase of main components

Model: WBA150B

1. Conditions

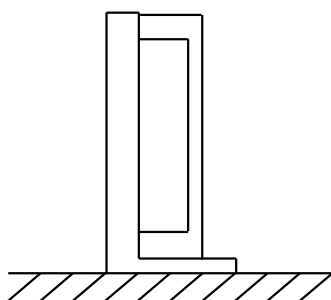
(1) Input :AC 170 ~ 305 [V]

(2) Output :Rated output *Derating is required at 170-220[VAC] input.

(3) Mounting method :Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT)						Rated temp. [°C]	Reference
			[deg]							
			12V	24V	48V					
1	Line Filter	L101	61.1	50.8	48.6				130	
2	Rectifier(Input)	SS101	77.7	58.5	58.5				150	Junction Temp.
3	Input Capacitor	C110	37.5	35.3	34.7				105	
4	Switching Transistor	TR201	66.4	66.3	52.8				150	Junction Temp.
5	Transformer	T201	62.6	58.5	59.3				130	
6	Rectified Transistor(Output)	SS501	66.8	58.2	62				150	Junction Temp.
7	Output Capacitor	C506	46.1	33.9	26.6				105	
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(Side view)

Fig.1.1 Mounting method
(Normal position)

*All information presented herein are not guaranteed.