

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

Model: SNTUNS100F

1. Conditions

- (1) Input : AC 85 ~ 264 [V]
- (2) Output : Rated output
- (3) Measuring environment : Shown as Fig.1.1

2. Result

| No. | Parts name | Symbol No. | Increase (ΔT) | | | Rated temp. [°C] | Reference |
|-----|--------------------------|------------|-------------------------|----|----|------------------|-----------|
| | | | [deg] | | | | |
| | | | 5 | 12 | 24 | | |
| 1 | Line filter | L12 | 48 | 36 | 44 | 120 | |
| 2 | Varistor | SK13 | 12 | 10 | 7 | 125 | |
| 3 | Thermistor | TH11 | 71 | 77 | 68 | 170 | |
| 4 | Input capacitor | C20 | 23 | 17 | 17 | 105 | |
| 5 | Output capacitor | C51 | 24 | 11 | 10 | 105 | |
| 6 | Output capacitor(PointB) | C52 | 22 | 9 | 8 | 105 | |
| 7 | power module(PointA) | BP | 32 | 20 | 19 | 80 | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |

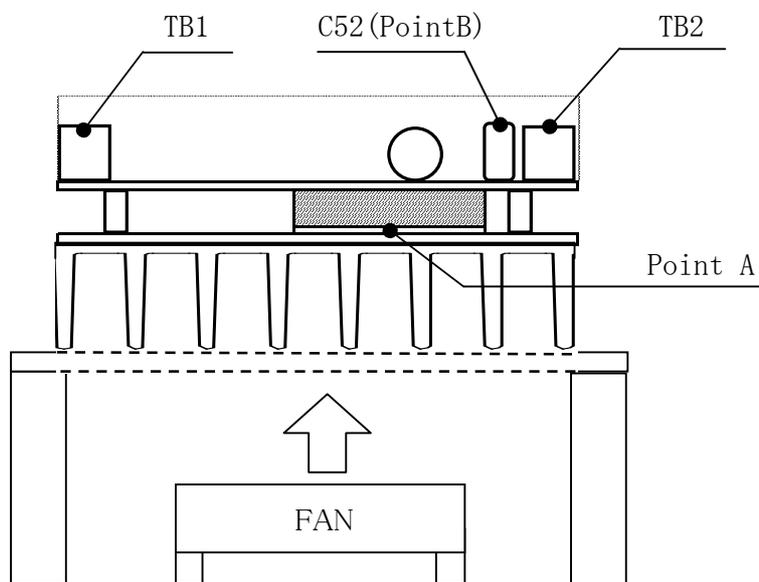


Fig.1.1 Measuring environment(Side view)

*All information presented herein are not guaranteed.
 *本資料は参考資料であり、その内容を保証するものではありません。