

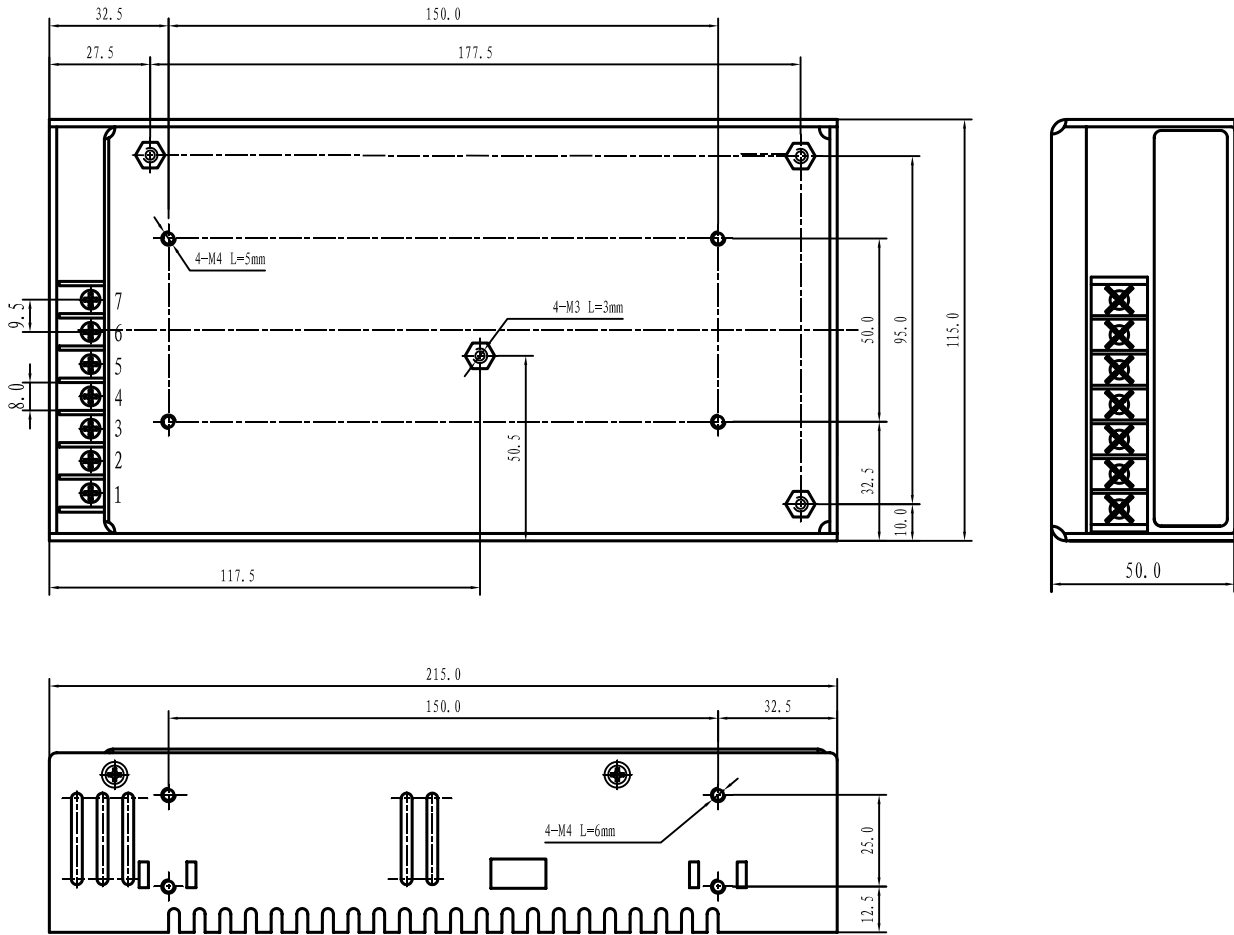
Features:

- High efficiency, high reliability
- AC input range selected by switch
- 100% full load burn-in test
- Protections: Short circuit / Over load/ Over temperature
- Cooling by free air convection
- Fixed switching frequency at 25KHz
- 1 year warranty
- Dimensions: 215*115*50mm (L*W*H)



| MODEL | | SKS-201T -5 | SKS-201T -7.5 | SKS-201T -12 | SKS-201T -13.5 | SKS-201T -15 | SKS-201T -24 | SKS-201T -27 | SKS-201T -48 | |
|------------------------|--|--|------------------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|--|
| OUTPUT | DC VOLTAGE | 5V | 7.5V | 12V | 13.5V | 15V | 24V | 27V | 48V | |
| | VOLTAGE TOLERANCE | ±2% | ±2% | ±1% | ±1% | ±1% | ±1% | ±1% | ±1% | |
| | RATED CURRENT | 40A | 26.5A | 16.5A | 14.7A | 13A | 8.3A | 7.4A | 4.2A | |
| | CURRENT RANGE | 0-40A | 0-26.5A | 0-16.5A | 0-14.7A | 0-13A | 0-8.3A | 0-7.4A | 0-4.2A | |
| | RATED POWRE | 200W | 198.75W | 198W | 198.45W | 198W | 199.2W | 199.8W | 201.6W | |
| | RIPPLE & NOISE | 150mVp-p | 150mVp-p | 150mVp-p | 150mVp-p | 150mVp-p | 150mVp-p | 200mVp-p | 240mVp-p | |
| | DCADJUSTMENT RANGE | -10%, +12% | ±20% | -16%, +10% | -12%, +11% | -10%, +20% | -16%, +10% | -4%, +18% | -15%, +17% | |
| SETUP, RISE, HOLD TIME | 200ms,100ms,20ms at full load | | | | | | | | | |
| INPUT | VOLTAGE RANGE | 90~132 VAC/180~264VAC 47~63 Hz; selected by switch 254~370VDC | | | | | | | | |
| | AC CURRENT | 4.5A/115VAC 2.5A/230VAC | | | | | | | | |
| | EFFICIENCY | 74% | 79% | 80% | 80% | 81% | 83% | 83% | 84% | |
| | INRUSH CURRENT | 50A/115V 50A/230V | | | | | | | | |
| | LEAKAGE CURRENT | <3.5 mA/240VAC | | | | | | | | |
| PROTECTION | OVER LOAD | 115%~135% Protection type: Shut down o/p voltage, recovers automatically after fault condition is removed | | | | | | | | |
| | OVER VOLTAGE | 115%~135% Protection type: hiccup mode, recovers automatically after fault condition is removed. | | | | | | | | |
| | OVER TEMPERATURE | RTH3≥90℃, shut down o/p voltage, recovers automatically after temperature goes down | | | | | | | | |
| ENVIRONMENT | WORKING,TEMP., HUMIDITY | -10℃~+50℃; 20%~90 %RH | | | | | | | | |
| | STORAGE,TEMP., HUMIDITY | -20℃~+85℃; 10%~95 %RH | | | | | | | | |
| | VIBRATION | 10~500Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes | | | | | | | | |
| SAFETY | WITHSTAND VOLTAGE | I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC | | | | | | | | |
| | ISOLATION RESISTANCE | I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC | | | | | | | | |
| STANDARD | SAFETY STANDARD | Design refer to UL1950 | | | | | | | | |
| | EMC STANDARD | Design refer to FCC Part15 J Conduction Class A | | | | | | | | |
| OTHERS | WEIGHT | 0.93Kg | | | | | | | | |
| | PACKING | 12pcs/12Kg/0.98CUFT | | | | | | | | |
| NOTE | <ol style="list-style-type: none"> All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 μ & 47 μ parallel capacitor. Tolerance: includes set up tolerance, line regulation and load regulation. | | | | | | | | | |

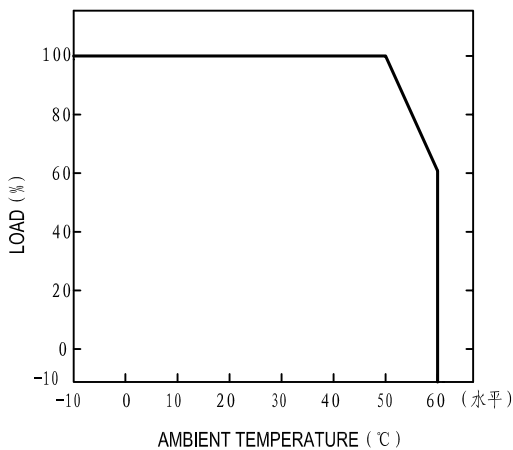
Outline and Dimension:



Terminal Pin No. Assignment:

| Pin No. | Assignment | Pin No. | Assignment |
|---------|------------|---------|--------------|
| 1 | AC/L | 4~5 | DC OUTPUT -V |
| 2 | AC/N | 6~7 | DC OUTPUT +V |
| 3 | FG ⊖ | | |

Derating Curve



Output Derating VS Input Voltage

