



■ Features :

- AC input active surge current limiting
- AC input range selected by switch
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Forced air cooling by built-in DC ball bearing fan
- High power density 7.3w/inch³
- With DC OK signal output
- Built-in remote ON-OFF control
- Built-in remote sense function
- UL / CUL approved
- Low cost
- 2 years warranty

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SPECIFICATION MODEL SE-1000-5 SE-1000-9 SE-1000-12 SE-1000-15 SE-1000-24 SE-1000-48 DC VOLTAGE 5V 9V 12V 15V 24V 48V RATED CURRENT 100A 83.3A 41.7A 20.8A 150A 66.7A **CURRENT RANGE** 0 ~ 150A 0 ~ 100A 0 ~ 83 3A 0 ~ 66.7A 0 ~ 41.7A 0 ~ 20.8A RATED POWER 750W 900W 999.6W 1000.5W 1000.8W 998.4W RIPPLE & NOISE (max.) Note.2 150mVp-p 200mVp-p 150mVp-p 150mVp-p 150mVp-p 200mVp-p OUTPUT **VOLTAGE ADJ. RANGE** 3.3 ~ 5.5V 7 5 ~ 10V 10 ~ 13 5V 13 5 ~ 16 5V 22 ~ 27 5V 43 ~ 56V **VOLTAGE TOLERANCE** Note.3 ±1.0% $\pm 1.0\%$ $\pm 1.0\%$ $\pm 1.0\%$ ±1.0% $\pm 1.0\%$ LINE REGULATION $\pm 0.5\%$ $\pm 0.5\%$ $\pm 0.5\%$ $\pm 0.5\%$ $\pm 0.5\%$ $\pm 0.5\%$ LOAD REGULATION $\pm 1.0\%$ $\pm 0.5\%$ $\pm 0.5\%$ $\pm 0.5\%$ $\pm 0.5\%$ $\pm 0.5\%$ SETUP, RISE TIME 1500ms, 50ms/230VAC 1500ms, 50ms/115VAC at full load HOLD UP TIME (Typ.) 20ms/230VAC 15ms/115VAC at full load **VOLTAGE RANGE** 90 ~ 132VAC / 180 ~ 264VAC selected by TB2 254 ~ 370VDC FREQUENCY RANGE 47 ~ 63Hz EFFICIENCY (Typ.) 85% 86% 88% 89% 81% 84% INPUT AC CURRENT (Typ.) 17.5A/115VAC 10A/230VAC INRUSH CURRENT (Typ.) 35A/115VAC 55A/230VAC LEAKAGE CURRENT <2.5mA / 240VAC 105 ~ 125% rated output power OVERLOAD Protection type : Shut down o/p voltage, re-power on to recover 10.4 ~ 12.2V 28 ~ 32 4V 57 6 ~ 67 2V PROTECTION 5 75 ~ 6 75V 13.8 ~ 16.2V 18 ~ 21V **OVER VOLTAGE** Protection type: Shut down o/p voltage, re-power on to recover OVER TEMPERATURE Shut down o/p voltage, recovers automatically after temperature goes down DC_OK SIGNAL PSU turn on:3.3V ~ 5.6V PUS turn off:0 ~ 1V **FUNCTION** RC+/RC-: 0 ~ 0.8V power on; 4 ~ 10V power off REMOTE CONTROL -20 ~ +60°C (Refer to "Derating Curve") WORKING TEMP. 20 ~ 90% RH non-condensing WORKING HUMIDITY -40 ~ +85°C, 10 ~ 95% RH STORAGE TEMP., HUMIDITY ENVIRONMENT ±0.05%/°C (0 ~ 50°C) TEMP. COEFFICIENT **VIBRATION** 10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes SAFETY STANDARDS ${\tt UL62368-1,BSMI\ CNS15598-1,EAC\ TP\ TC\ 004\ approved; Design\ refer\ to\ BS\ EN/EN62368-1}$ WITHSTAND VOLTAGE I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC ISOLATION RESISTANCE I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25° C / 70% RH **Parameter** Standard Test Level / Note BS EN/EN55032 (CISPR32),CNS15936 Conducted Class A BS EN/EN55032 (CISPR32), CNS15936 **EMC EMISSION** Radiated Class A Harmonic Current BS FN/FN61000-3-2 Voltage Flicker BS EN/EN61000-3-3 SAFETY & BS EN/EN55035, BS EN/EN61000-6-2 **EMC** (Note 4) Parameter Standard Test Level / Note BS EN/EN61000-4-2 **ESD** Level 3, 8KV air; Level 2, 4KV contact Radiated BS EN/EN61000-4-3 Level 3 EFT / Burst BS EN/EN61000-4-4 Level 3 **FMC IMMUNITY** BS EN/EN61000-6-2 Surge 2KV/Line-Line 4KV/Line-Earth BS EN/EN61000-4-6 Level 3 Conducted Magnetic Field BS EN/EN61000-4-8 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, BS EN/EN61000-4-11 Voltage Dips and Interruptions >95% interruptions 250 periods MTBF 1273.6K hrs min. Telcordia SR-332 (Bellcore); 251.6K hrs min. MIL-HDBK-217F (25°C) **OTHERS DIMENSION** 278*127*63.5mm (L*W*H) PACKING 2.5Kg; 6pcs/16Kg/1.38CUFT

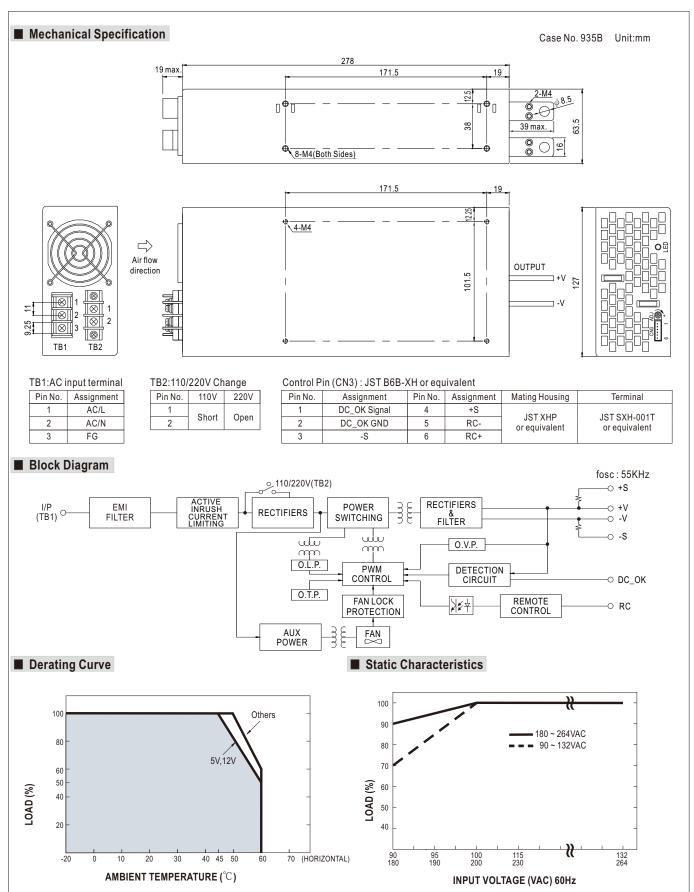
NOTE

- 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.

 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
- Tolerance : includes set up tolerance, line regulation and load regulation.
 The power supply is considered a component which will be installed into a final equipment. All the EMC tests are been executed by mounting the unit on a 720mm*360mm metal plate with 1mm of thickness. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." (as available on https://www.meanwell.com//Upload/PDF/EMI_statement_en.pdf)
 5. By using UVP circuit, PSU will not turn on direct by in AC continue ON/OFF condition within 5 sec.
 6. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft).

- This power supply does not meet the harmonic current requirements outlined by EN61000-3-2. Please do not use this power supply under the following conditions:
- a) the end-devices is used within the European Union, and b) the end-devices is connected to public mains supply with 220Vac or greater rated nominal voltage, and
- c) the power supply is:
- installed in end-devices with average or continuous input power greater than 75W, or belong to part of a lighting system
- Power supplies used within the following end-devices do not need to fulfill EN61000-3-2
- a) professional equipment with a total rated input power greater than 1000W;b) symmetrically controlled heating elements with a rated power less than or equal to 200W
- ※ Product Liability Disclaimer: For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx







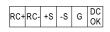
■ Mechanical Specification

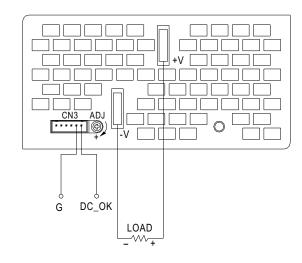
DC_OK Signal

DC_OK Signal is the voltage difference between "DC_OK" and "G" pin output

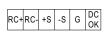
DC_OK Signal is a TTL level signal

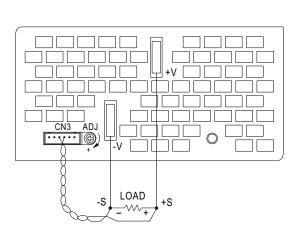
PSU turn on: 3.3 ~ 5.6V PSU turn off: 0 ~ 1V





Remote Sensing





Remote Control

