



## 150W Single Output Switching Power Supply

## RS-150 series



### ■ Features :

- Protections: Short circuit/Over load/Over voltage
- Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- All using 105°C long life electrolytic capacitors
- Withstand 300VAC surge input for 5 second
- High operating temperature up to 70°C
- Withstand 5G vibration test
- High efficiency, long life and high reliability
- 3 years warranty



### SPECIFICATION

| MODEL                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | RS-150-3.3                                                                                                              | RS-150-5     | RS-150-12    | RS-150-15      | RS-150-24    | RS-150-48    |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------|--------------|----------------|--------------|--------------|
| OUTPUT                                  | DC VOLTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.3V                                                                                                                    | 5V           | 12V          | 15V            | 24V          | 48V          |
|                                         | RATED CURRENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 30A                                                                                                                     | 26A          | 12.5A        | 10A            | 6.5A         | 3.3A         |
|                                         | CURRENT RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0 ~ 30A                                                                                                                 | 0 ~ 26A      | 0 ~ 12.5A    | 0 ~ 10A        | 0 ~ 6.5A     | 0 ~ 3.3A     |
|                                         | RATED POWER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 99W                                                                                                                     | 130W         | 150W         | 150W           | 156W         | 158.4W       |
|                                         | RIPPLE & NOISE (max.) <small>Note.2</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 80mVp-p                                                                                                                 | 80mVp-p      | 120mVp-p     | 120mVp-p       | 120mVp-p     | 200mVp-p     |
|                                         | VOLTAGE ADJ. RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3.2V ~ 3.5V                                                                                                             | 4.75 ~ 5.5V  | 11.4 ~ 13.2V | 14.25 ~ 16.5V  | 22.8 ~ 26.4V | 45.6 ~ 52.8V |
|                                         | VOLTAGE TOLERANCE <small>Note.3</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±3.0%                                                                                                                   | ±2.0%        | ±1.0%        | ±1.0%          | ±1.0%        | ±1.0%        |
|                                         | LINE REGULATION <small>Note.4</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ±0.5%                                                                                                                   | ±0.5%        | ±0.5%        | ±0.5%          | ±0.5%        | ±0.5%        |
|                                         | LOAD REGULATION <small>Note.5</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ±2.0%                                                                                                                   | ±1.0%        | ±0.5%        | ±0.5%          | ±0.5%        | ±0.5%        |
| SETUP, RISE, HOLD TIME                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 800ms, 20ms, 20ms/230VAC      1200ms, 30ms, 10ms/115VAC at full load                                                    |              |              |                |              |              |
| INPUT                                   | VOLTAGE RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 88 ~ 132VAC / 176 ~ 264VAC selected by switch      248 ~ 373VDC(Withstand 300VAC surge for 5sec. Without damage)        |              |              |                |              |              |
|                                         | FREQUENCY RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 47 ~ 63Hz                                                                                                               |              |              |                |              |              |
|                                         | EFFICIENCY(Typ.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 74%                                                                                                                     | 78%          | 83%          | 84%            | 86%          | 87%          |
|                                         | AC CURRENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3A/115VAC      2A/230VAC                                                                                                |              |              |                |              |              |
|                                         | INRUSH CURRENT(max.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | COLD START 50A/230VAC                                                                                                   |              |              |                |              |              |
|                                         | LEAKAGE CURRENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <2mA/ 240VAC                                                                                                            |              |              |                |              |              |
| PROTECTION                              | OVER LOAD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 110 ~ 150% rated output power<br>Protection type : Hiccup mode, recovers automatically after fault condition is removed |              |              |                |              |              |
|                                         | OVER VOLTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3.8 ~ 4.45V                                                                                                             | 5.75 ~ 6.75V | 13.8 ~ 16.2V | 17.25 ~ 20.25V | 27.6 ~ 32.4V | 55.2 ~ 64.8V |
|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Protection type : Hiccup mode, recovers automatically after fault condition is removed                                  |              |              |                |              |              |
| ENVIRONMENT                             | WORKING TEMP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -25 ~ +70℃ (Refer to output load derating curve)                                                                        |              |              |                |              |              |
|                                         | WORKING HUMIDITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20 ~ 90% RH non-condensing                                                                                              |              |              |                |              |              |
|                                         | STORAGE TEMP., HUMIDITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40 ~ +85℃, 10 ~ 95% RH                                                                                                 |              |              |                |              |              |
|                                         | TEMP. COEFFICIENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ±0.03%/℃ (0 ~ 50℃)                                                                                                      |              |              |                |              |              |
|                                         | VIBRATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10 ~ 500Hz, 5G 10min./1cycle, period for 60min. each along X, Y, Z axes                                                 |              |              |                |              |              |
| SAFETY & EMC<br><small>(Note 6)</small> | SAFETY STANDARDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | UL60950-1, TUV EN60950-1 Approved                                                                                       |              |              |                |              |              |
|                                         | WITHSTAND VOLTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I/P-O/P:3KVAC    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                                                                                |              |              |                |              |              |
|                                         | EMI CONDUCTION & RADIATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Compliance to EN55022 (CISPR22) Class B                                                                                 |              |              |                |              |              |
|                                         | HARMONIC CURRENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Compliance to EN61000-3-2,-3                                                                                            |              |              |                |              |              |
|                                         | EMS IMMUNITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-6-2 (EN50082-2) heavy industry level, criteria A              |              |              |                |              |              |
| OTHERS                                  | MTBF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 244KHrs min.    MIL-HDBK-217F (25℃)                                                                                     |              |              |                |              |              |
|                                         | DIMENSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 199*98*38mm (L*W*H)                                                                                                     |              |              |                |              |              |
|                                         | PACKING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.7Kg; 20pcs/15Kg/0.72CUFT                                                                                              |              |              |                |              |              |
| NOTE                                    | 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature.<br>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.<br>3. Tolerance : includes set up tolerance, line regulation and load regulation.<br>4. Line regulation is measured from low line to high line at rated load.<br>5. Load regulation is measured from 0% to 100% rated load.<br>6. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.<br>7. Length of set up time is measured at cold first start. Turning ON/OFF the power supply very quickly may lead to increase of the set up time. |                                                                                                                         |              |              |                |              |              |



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**RS-150** series

**MODEL : RS-150-5**

**OUTPUT FUNCTION TEST**

| NO | TEST ITEM                      | SPECIFICATION                                 | TEST CONDITION                                                    | RESULT                                         | VERDICT |
|----|--------------------------------|-----------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------|
| 1  | RIPPLE & NOISE                 | V1: 80 mVp-p (Max)                            | I/P: 230 VAC<br>O/P: FULL LOAD<br>Ta: 25°C                        | V1: 25 mVp-p (Max)                             | P       |
| 2  | OUTPUT VOLTAGE<br>ADJUST RANGE | CH1: 4.75 V~ 5.5 V                            | I/P: 230 VAC<br>I/P: 115 VAC<br>O/P: MIN LOAD<br>Ta: 25°C         | 4.64V~ 5.57 V/ 230VAC<br>4.64V~ 5.57 V/ 115VAC | P       |
| 3  | OUTPUT VOLTAGE<br>TOLERANCE    | V1: -2 %~ 2 % (Max)                           | I/P: 176 VAC / 264 VAC<br>O/P: FULL / 0 % LOAD<br>Ta: 25°C        | V1: 0.3%~ -0.3%                                | P       |
| 4  | LINE REGULATION                | V1: 0.5 %~ 0.5 % (Max)                        | I/P: 176 VAC ~ 264 VAC<br>O/P: FULL LOAD<br>Ta: 25°C              | V1: 0 %~ 0 %                                   | P       |
| 5  | LOAD REGULATION                | V1: -1 %~ 1 % (Max)                           | I/P: 230 VAC<br>O/P: FULL ~ MIN LOAD<br>Ta: 25°C                  | V1: 0.2 %~ -0.2 %                              | P       |
| 6  | SET UP TIME                    | 230 VAC/800 ms (Max)<br>115 VAC/1200 ms (Max) | I/P: 230 VAC<br>I/P: 115 VAC<br>O/P: FULL LOAD<br>Ta: 25°C        | 230VAC/ 493 ms<br>115VAC/ 484 ms               | P       |
| 7  | RISE TIME                      | 230 VAC/20 ms (Max)<br>115 VAC/30 ms (Max)    | I/P: 230 VAC<br>I/P: 115 VAC<br>O/P: FULL LOAD<br>Ta: 25°C        | 230 VAC/ 1.8 ms<br>115 VAC/ 1.8 ms             | P       |
| 8  | HOLD UP TIME                   | 230 VAC/ 20 ms (Min)<br>115 VAC/ 10 ms (Min)  | I/P: 230 VAC<br>I/P: 115 VAC<br>O/P: FULL LOAD<br>Ta: 25°C        | 230VAC/ 22 ms<br>115VAC/ 27 ms                 | P       |
| 9  | OVER/UNDERSHOOT TEST           | < ±5%                                         | I/P: 230 VAC<br>O/P: FULL LOAD<br>Ta: 25°C                        | TEST: < 5 %                                    | P       |
| 10 | DYNAMIC LOAD                   | V1: 1000 mVp-p                                | I/P: 230 VAC<br>O/P: FULL / Min LOAD<br>90% DUTY/1KHZ<br>Ta: 25°C | 241 mVp-p                                      | P       |



## INPUT FUNCTION TEST

| NO | TEST ITEM             | SPECIFICATION                        | TEST CONDITION                                                                                                                             | RESULT                                   | VERDICT |
|----|-----------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------|
| 1  | INPUT VOLTAGE RANGE   | 176VAC~ 264 VAC                      | I/P:TESTING<br>O/P:FULL LOAD<br>Ta:25°C                                                                                                    | 119 V~ 264 V                             | P       |
|    |                       |                                      | I/P:<br>LOW-LINE-3V= 173 V<br>HIGH-LINE+15%= 300 V<br>O/P:FULL/MIN LOAD<br>ON: 30 Sec . OFF: 30 Sec 10MIN<br>( AC POWER ON/OFF NO DAMAGE ) | TEST: OK                                 |         |
| 2  | INPUT FREQUENCY RANGE | 47 HZ ~ 63 HZ<br>NO DAMAGE OSC       | I/P: 176 VAC ~ 264 VAC<br>O/P:FULL-MIN LOAD<br>Ta:25°C                                                                                     | TEST: OK                                 | P       |
| 3  | EFFICIENCY            | 78 % (TYP)                           | I/P: 230 VAC<br>O/P:FULL LOAD<br>Ta:25°C                                                                                                   | 78.37 %                                  | P       |
| 4  | INPUT CURRENT         | 230 V/ 2 A (Max)<br>115 V/ 3 A (Max) | I/P: 230 VAC<br>I/P: 115 VAC<br>O/P:FULL LOAD<br>Ta:25°C                                                                                   | I = 1.5 A/ 230 VAC<br>I = 2.5 A/ 115 VAC | P       |
| 5  | INRUSH CURRENT        | 230 V/ 50 A (Max)<br>COLD START      | I/P:230 VAC<br>O/P:FULL LOAD<br>Ta:25°C                                                                                                    | I = 35 A/ 230 VAC                        | P       |
| 6  | LEAKAGE CURRENT       | < 2 mA / 240 VAC                     | I/P:254 VAC<br>O/P:Min LOAD<br>Ta:25°C                                                                                                     | L-FG: 0.32 mA<br>N-FG: 0.4 mA            | P       |

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## PROTECTION FUNCTION TEST

| NO | TEST ITEM               | SPECIFICATION                          | TEST CONDITION                                           | RESULT                                             | VERDICT |
|----|-------------------------|----------------------------------------|----------------------------------------------------------|----------------------------------------------------|---------|
| 1  | OVER LOAD PROTECTION    | 110 %~ 150 %                           | I/P: 230 VAC<br>I/P: 115 VAC<br>O/P: TESTING<br>Ta:25°C  | 116 %/ 230 VAC<br>116 %/ 115 VAC<br>Hiccup Mode    | P       |
| 2  | OVER VOLTAGE PROTECTION | CH1: 5.75 V~ 6.75 V                    | I/P: 230 VAC<br>I/P: 115 VAC<br>O/P: MIN LOAD<br>Ta:25°C | 5.96 V/ 230 VAC<br>5.96 V/ 115 VAC<br>Hiccup Model | P       |
| 3  | SHORT PROTECTION        | SHORT EVERY OUTPUT<br>1 HOUR NO DAMAGE | I/P: 264 VAC<br>O/P: Full LOAD<br>Ta:25°C                | NO DAMAGE<br>Hiccup Mode                           | P       |

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## ENVIRONMENT TEST

[illegible]

## SAFETY TEST

| NO | TEST ITEM            | SPECIFICATION                                                       | TEST CONDITION                                                                   | RESULT                                                             | VERDICT |
|----|----------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------|---------|
| 1  | WITHSTAND VOLTAGE    | I/P-O/P: 3 KVAC/min<br>I/P-FG: 1.5 KVAC/min<br>O/P-FG: 0.5 KVAC/min | I/P-O/P: 3.6 KVAC/min<br>I/P-FG: 1.8 KVAC/min<br>O/P-FG: 0.6 KVAC/min<br>Ta:25°C | I/P-O/P: 4.21mA<br>I/P-FG: 3.35 mA<br>O/P-FG: 2.65 mA<br>NO DAMAGE | P       |
| 2  | ISOLATION RESISTANCE | I/P-O/P:500VDC>100MΩ<br>I/P-FG: 500VDC>100MΩ<br>O/P-FG:500VDC>100MΩ | I/P-O/P: 500 VDC<br>I/P-FG: 500 VDC<br>O/P-FG: 500 VDC<br>Ta:25°C                | I/P-O/P: 11G Ω<br>I/P-FG: 6G Ω<br>O/P-FG: 9 G Ω<br>NO DAMAGE       | P       |
| 3  | GROUNDING CONTINUITY | FG(PE) TO CHASSIS<br>OR TRACE < 100 mΩ                              | 30 A / 2min<br>Ta:25°C                                                           | 11 mΩ                                                              | P       |
| 4  | APPROVAL             | TUV: Certificate NO : R50046942<br>UL: File NO :                    |                                                                                  |                                                                    | P       |

## E.M.C TEST

| NO | TEST ITEM                                   | SPECIFICATION                                      | TEST CONDITION                                      | RESULT                        | VERDICT |
|----|---------------------------------------------|----------------------------------------------------|-----------------------------------------------------|-------------------------------|---------|
| 1  | HARMONIC                                    | EN61000-3-2<br>CLASS A                             | I/P: 230 VAC/50HZ<br>O/P:FULL LOAD<br>Ta:25°C       | PASS                          | P       |
| 2  | CONDUCTION                                  | EN55022<br>CLASS B                                 | I/P: 230 VAC (50HZ)<br>O/P:FULL/50% LOAD<br>Ta:25°C | PASS<br>Test by certified Lab | P       |
| 3  | RADIATION                                   | EN55022<br>CLASS B                                 | I/P: 230 VAC (50HZ)<br>O/P:FULL LOAD<br>Ta:25°C     | PASS<br>Test by certified Lab | P       |
| 4  | E.S.D                                       | EN61000-4-2<br>INDUSTRY<br>AIR:8KV / Contact:4KV   | I/P: 230 VAC/50HZ<br>O/P:FULL LOAD<br>Ta:25°C       | CRITERIA A                    | P       |
| 5  | E.F.T                                       | EN61000-4-4<br>INDUSTRY<br>INPUT: 2KV              | I/P: 230 VAC/50HZ<br>O/P:FULL LOAD<br>Ta:25°C       | CRITERIA A                    | P       |
| 6  | SURGE                                       | IEC61000-4-5<br>INDUSTRY<br>L-N :2KV<br>L,N-PE:4KV | I/P: 230 VAC/50HZ<br>O/P:FULL LOAD<br>Ta:25°C       | CRITERIA A                    | P       |
| 7  | Test by certified Lab & Test Report Prepare |                                                    |                                                     |                               |         |

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## M.T.B.F &amp; LIFE CYCLE CALCULATION

| NO | TEST ITEM               | SPECIFICATION                                                                                                                                                          | TEST CONDITION | RESULT | VERDICT |
|----|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|---------|
| 1  | CAPACITOR<br>LIFE CYCLE | SUPPOSE C64 IS THE MOST CRITICAL COMPONENT<br>I/P: 230 VAC O/P: FULL LOAD Ta= 25 °C LIFE TIME= 38043 HRS<br>I/P: 230 VAC O/P: FULL LOAD Ta= 40 °C LIFE TIME= 20226 HRS |                |        | P       |
| 2  | MTBF                    | MIL-HDBK-217F NOTICES2 PARTS COUNT<br>TOTAL FAILURE RATE: 244K HRS                                                                                                     |                |        | P       |

## COMPONENT STRESS TEST

| NO | TEST ITEM                                             | SPECIFICATION                      | TEST CONDITION                                                                                                                          | RESULT                                 | VERDICT |
|----|-------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------|
| 1  | Power Transistor<br>(D to S) or (C to E) Peak Voltage | Q1 Rated<br>2SK2082 : 800V / 9 A   | I/P: High-Line +3V =267 V<br>O/P: (1) Full Load Turn on<br>(2) Full Load<br>(3) Output Short<br>Ta: 25°C                                | (1) 536 V<br>(2) 678 V<br>(3) 680 V    | P       |
| 2  | Diode Peak Voltage                                    | D60 Rated<br>D83-004 : 40 V / 30 A | I/P: High-Line +3V =267 V<br>O/P: (1) Full Load Turn on<br>(2) Full Load<br>(3) Output Short<br>Ta: 25°C                                | (1) 24.7 V<br>(2) 24.5 V<br>(3) 24.7 V | P       |
| 3  | Clamp Diode Peak Voltage                              | D1 Rated<br>HER208 : 1K V / 2 A    | I/P: High-Line +3V =267 V<br>O/P: (1) Full Load<br>(2) Dynamic Load<br>90%Duty/1KHz<br>Ta: 25°C                                         | (1) 666 V<br>(2) 664 V                 | P       |
| 4  | Input Capacitor Voltage                               | C5 Rated<br>: 330u / 200 V         | I/P: High-Line +3V =267 V<br>O/P: (1) Full Load Turn on /Off<br>(2) Min load Turn on /Off<br>(3) Full Load /Min load Change<br>Ta: 25°C | (1) 187 V<br>(2) 184 V<br>(3) 184 V    | P       |
| 5  | Control IC Voltage Test                               | U1 Rated<br>1203 : 16 V            | I/P: High-Line +3V =267 V<br>O/P: (1) Full Load Turn on /Off<br>(2) Min load Turn on /Off<br>(3) Full Load /Min load Change<br>Ta: 25°C | (1) 14.9 V<br>(4) 14.9 V<br>(5) 14.9 V | P       |

| DATE      | SAMPLE                    | TEST RESULT | TESTER        | APPROVAL |
|-----------|---------------------------|-------------|---------------|----------|
| 2004/3/19 | RD SAMPLE                 | PASS        | VINCENT TSENG | MAX LIN  |
| 2004/7/8  | PRODUCT SAMPLE<br>A404B34 | PASS        | VINCENT TSENG | MAX LIN  |

2003/12/12 A50-F023

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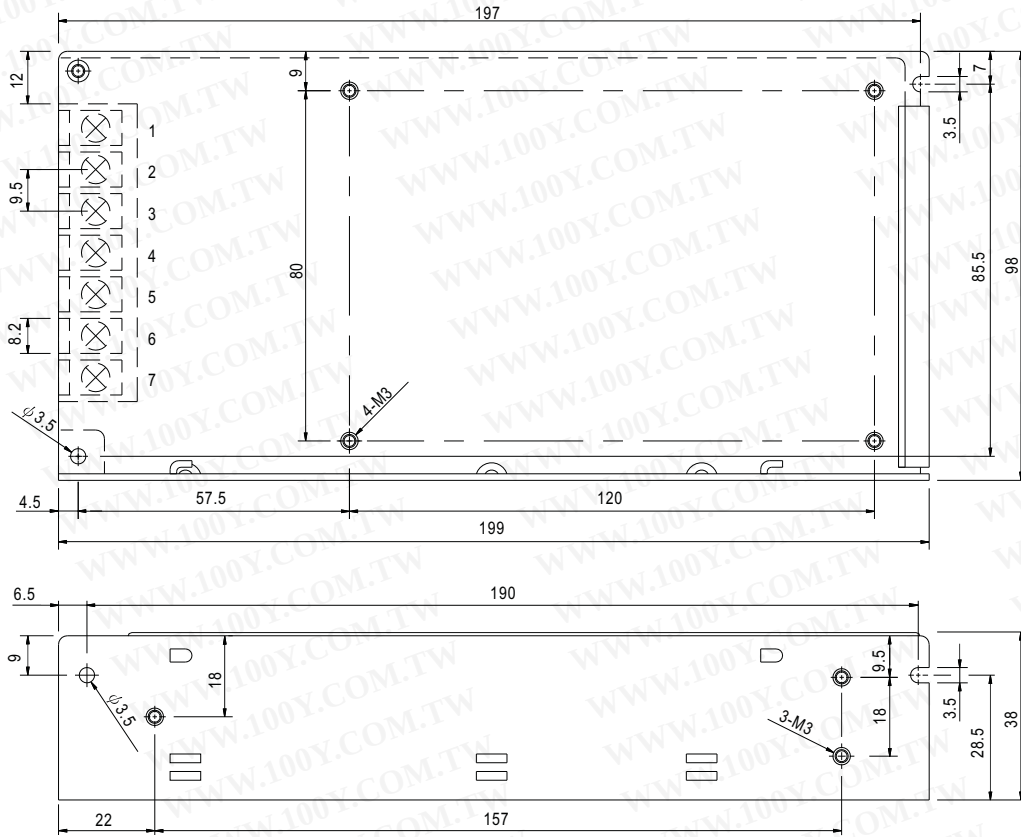


## 150W Single Output Switching Power Supply

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### Mechanical Specification

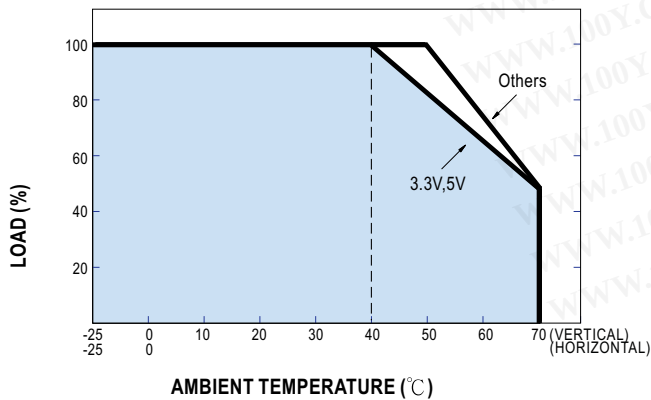
Case No. 902 Unit:mm



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 $\perp$ |         |              |

### Output Derating



### Static Characteristics

