



150W Ultra-High Peak Power Supply

**HRP-150N3** series

User's Manual



AS/NZS 62368-1 UL62368-1 BS EN/EN62368-1 TPTC004 IEC62368-1



## ■ Features

- Universal AC input / Full range
- Withstand 300VAC surge input for 5 seconds
- 300% peak power capability
- Built-in constant current limiting circuit
- Fanless design, Cooling by free air convection
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Built-in remote sense function
- Withstand 5G vibration
- Operating altitude up to 5000 meters(Note.5)
- Output voltage adjustable  $\pm 15\%$ (Avg.)
- 1U low profile 38mm
- 5 years warranty

## ■ Applications

- Industrial automation machinery
- Industrial control system
- Mechanical and electrical equipment
- Diagnostic or biological facilities
- Test or measurement systems
- Telecommunication equipment

## ■ GTIN CODE

MW Search: <https://www.meanwell.com/serviceGTIN.aspx>

## ■ Description

HRP-150N3 series is a 150W single output AC/DC ultra-high peak power supply. This series operates at 85~264VAC input voltage and offers the models with the DC output mostly demanded from the industry. Each model is cooled by free air convection, working for the temperature up to 70°C without cover. Moreover, HRP-150N3 can provide 300% short-duration peak power for motor applications and electromechanical loads requiring much higher power during start-up.

## ■ Model Encoding

**HRP - 150N3 - 24**

Output voltage(12/24/36/48V)  
3 times peak power  
Rated wattage  
Series name



## 150W Ultra-High Peak Power Supply

## HRP-150N3 series

## SPECIFICATION

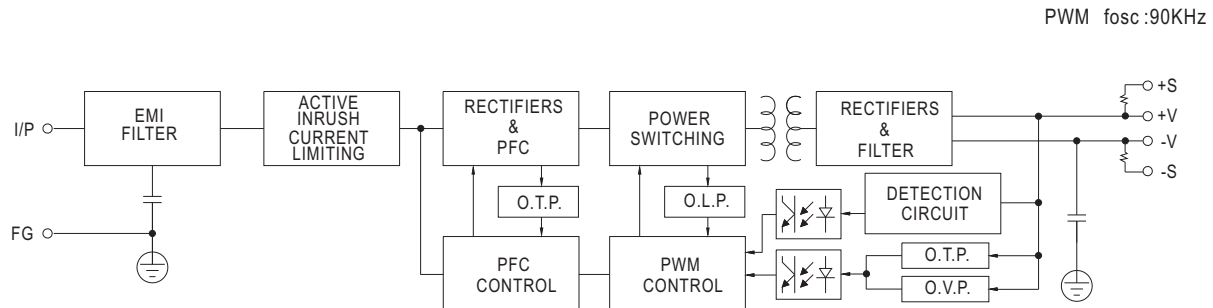
| MODEL                          | HRP-150N3-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                              | HRP-150N3-24             |                                  | HRP-150N3-36 |                                                                        | HRP-150N3-48                           |              |  |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------|--------------|------------------------------------------------------------------------|----------------------------------------|--------------|--|
| OUTPUT                         | DC VOLTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12V                                                                                                                                                                                                                                          |                          | 24V                              |              | 36V                                                                    |                                        | 48V          |  |
|                                | RATED CURRENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 13A                                                                                                                                                                                                                                          |                          | 6.5A                             |              | 4.3A                                                                   |                                        | 3.3A         |  |
|                                | CURRENT RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0 ~ 13A                                                                                                                                                                                                                                      |                          | 0 ~ 6.5A                         |              | 0 ~ 4.3A                                                               |                                        | 0 ~ 3.3A     |  |
|                                | RATED POWER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 156W                                                                                                                                                                                                                                         |                          | 156W                             |              | 154.8W                                                                 |                                        | 158.4W       |  |
|                                | RIPPLE & NOISE (max.) <small>Note.2</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 120mVp-p                                                                                                                                                                                                                                     |                          | 150mVp-p                         |              | 200mVp-p                                                               |                                        | 240mVp-p     |  |
|                                | VOLTAGE ADJ. RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10.2 ~ 13.8V                                                                                                                                                                                                                                 |                          | 21.6 ~ 28.8V                     |              | 28.8 ~ 39.6V                                                           |                                        | 40.8 ~ 55.2V |  |
|                                | VOLTAGE TOLERANCE <small>Note.3</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ± 1.5%                                                                                                                                                                                                                                       |                          | ± 1.5%                           |              | ± 1.5%                                                                 |                                        | ± 1.5%       |  |
|                                | LINE REGULATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ± 0.3%                                                                                                                                                                                                                                       |                          | ± 0.2%                           |              | ± 0.2%                                                                 |                                        | ± 0.2%       |  |
|                                | LOAD REGULATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ± 0.5%                                                                                                                                                                                                                                       |                          | ± 0.5%                           |              | ± 0.5%                                                                 |                                        | ± 0.5%       |  |
|                                | SETUP, RISE TIME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3000ms, 50ms/230VAC                                                                                                                                                                                                                          |                          | 3000ms, 50ms/115VAC at full load |              |                                                                        |                                        |              |  |
| HOLD UP TIME (Typ.)            | 16ms/230VAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                              | 16ms/115VAC at full load |                                  |              |                                                                        |                                        |              |  |
| INPUT                          | VOLTAGE RANGE <small>Note.4</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 85 ~ 264VAC                                                                                                                                                                                                                                  |                          | 120 ~ 370VDC                     |              |                                                                        |                                        |              |  |
|                                | FREQUENCY RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 47 ~ 63Hz                                                                                                                                                                                                                                    |                          |                                  |              |                                                                        |                                        |              |  |
|                                | POWER FACTOR (Typ.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PF>0.95/230VAC                                                                                                                                                                                                                               |                          | PF>0.98/115VAC at full load      |              |                                                                        |                                        |              |  |
|                                | EFFICIENCY (Typ.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 88%                                                                                                                                                                                                                                          |                          | 88%                              |              | 89%                                                                    |                                        | 89%          |  |
|                                | AC CURRENT (Typ.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.7A/115VAC                                                                                                                                                                                                                                  |                          | 0.9A/230VAC                      |              |                                                                        |                                        |              |  |
|                                | INRUSH CURRENT (Typ.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 35A/115VAC                                                                                                                                                                                                                                   |                          | 70A/230VAC                       |              |                                                                        |                                        |              |  |
|                                | LEAKAGE CURRENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <1mA / 240VAC                                                                                                                                                                                                                                |                          |                                  |              |                                                                        |                                        |              |  |
| PROTECTION                     | OVERLOAD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Output power >105% rated for more than 5 seconds then shut down o/p voltage, re-power on to recover<br>Constant current limiting for output power >330% rated for more than 5 seconds and then shut down o/p voltage, re-power on to recover |                          |                                  |              |                                                                        |                                        |              |  |
|                                | OVER VOLTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 14.4 ~ 16.8V                                                                                                                                                                                                                                 |                          | 30 ~ 34.8V                       |              | 41.4 ~ 48.6V                                                           |                                        | 57.6 ~ 67.2V |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 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                                                                                                                                                                    |                          |                                  |              |                                                                        |                                        |              |  |
| ENVIRONMENT                    | WORKING TEMP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40 ~ +70℃ (Refer to "Derating Curve")                                                                                                                                                                                                       |                          |                                  |              |                                                                        |                                        |              |  |
|                                | WORKING HUMIDITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20 ~ 90% RH non-condensing                                                                                                                                                                                                                   |                          |                                  |              |                                                                        |                                        |              |  |
|                                | STORAGE TEMP., HUMIDITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -50 ~ +85℃, 10 ~ 95% RH non-condensing                                                                                                                                                                                                       |                          |                                  |              |                                                                        |                                        |              |  |
|                                | TEMP. COEFFICIENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ±0.04%/℃ (0 ~ 50℃)                                                                                                                                                                                                                           |                          |                                  |              |                                                                        |                                        |              |  |
|                                | VIBRATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10 ~ 500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes                                                                                                                                                                                 |                          |                                  |              |                                                                        |                                        |              |  |
|                                | OPERATING ALTITUDE <small>Note.5</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5000 meters                                                                                                                                                                                                                                  |                          |                                  |              |                                                                        |                                        |              |  |
| SAFETY & EMC<br>(Note 6)       | SAFETY STANDARDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | UL62368-1, TUV BS EN/EN62368-1, EAC TP TC 004, AS/NZS 62368.1 approved                                                                                                                                                                       |                          |                                  |              |                                                                        |                                        |              |  |
|                                | 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℃ / 70% RH                                                                                                                                                                                    |                          |                                  |              |                                                                        |                                        |              |  |
|                                | EMC EMISSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Parameter                                                                                                                                                                                                                                    | Standard                 |                                  |              |                                                                        | Test Level / Note                      |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Conducted                                                                                                                                                                                                                                    | BS EN/EN55032            |                                  |              |                                                                        | Class B                                |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Radiated                                                                                                                                                                                                                                     | BS EN/EN55032            |                                  |              |                                                                        | Class B                                |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Harmonic current                                                                                                                                                                                                                             | BS EN/EN61000-3-2        |                                  |              |                                                                        | Class A                                |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Voltage Flicker                                                                                                                                                                                                                              | BS EN/EN61000-3-3        |                                  |              |                                                                        | -----                                  |              |  |
|                                | EMC IMMUNITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | BS EN/EN55035, BS EN/EN61000-6-2(BS EN/EN50082-2)                                                                                                                                                                                            |                          |                                  |              |                                                                        |                                        |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Parameter                                                                                                                                                                                                                                    | Standard                 |                                  |              |                                                                        | Test Level / Note                      |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ESD                                                                                                                                                                                                                                          | BS EN/EN61000-4-2        |                                  |              |                                                                        | Level 3, 8KV air; Level 2, 4KV contact |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | RF field                                                                                                                                                                                                                                     | BS EN/EN61000-4-3        |                                  |              |                                                                        | Level 3, 10V/m                         |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EFT/ Burst                                                                                                                                                                                                                                   | BS EN/EN61000-4-4        |                                  |              |                                                                        | Level 3, 2KV                           |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Surge                                                                                                                                                                                                                                        | BS EN/EN61000-4-5        |                                  |              |                                                                        | Level 4, 4KV/Line-FG; 2KV/Line-Line    |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Conducted                                                                                                                                                                                                                                    | BS EN/EN61000-4-6        |                                  |              |                                                                        | Level 3, 10V                           |              |  |
| Magnetic Field                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BS EN/EN61000-4-8                                                                                                                                                                                                                            |                          |                                  |              | Level 4, 30A/m                                                         |                                        |              |  |
| Voltage Dips and Interruptions |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BS EN/EN61000-4-11                                                                                                                                                                                                                           |                          |                                  |              | 95% dip 0.5 periods, 30% dip 25 periods, 95% interruptions 250 periods |                                        |              |  |
| OTHERS                         | MTBF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1706.0K hrs min. Telcordia TR/SR-332 (Bellcore); 222.8K hrs min. MIL-HDBK-217F (25℃)                                                                                                                                                         |                          |                                  |              |                                                                        |                                        |              |  |
|                                | DIMENSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 159*97*38mm (L*W*H)                                                                                                                                                                                                                          |                          |                                  |              |                                                                        |                                        |              |  |
|                                | PACKING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.54Kg; 24pcs/12.96Kg/0.9CUFT                                                                                                                                                                                                                |                          |                                  |              |                                                                        |                                        |              |  |
| 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 0.1 μ F & 47 μ F parallel capacitor.<br>3. Tolerance : includes set up tolerance, line regulation and load regulation.<br>4. Derating may be needed under low input voltages. Please check the derating curve for more details.<br>5. The ambient temperature derating of 3.5℃/1000m with fanless models and of 5℃/1000m with fan models for operating altitude higher than 2000m(6500ft).<br>6. 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 360mm*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."<br>(as available on <a href="https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf">https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf</a> )<br>※ Product Liability Disclaimer : For detailed information, please refer to <a href="https://www.meanwell.com/serviceDisclaimer.aspx">https://www.meanwell.com/serviceDisclaimer.aspx</a> |                                                                                                                                                                                                                                              |                          |                                  |              |                                                                        |                                        |              |  |



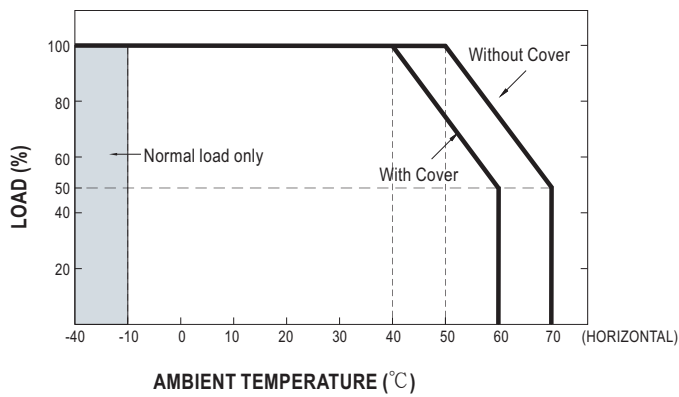
150W Ultra-High Peak Power Supply

**HRP-150N3 series**

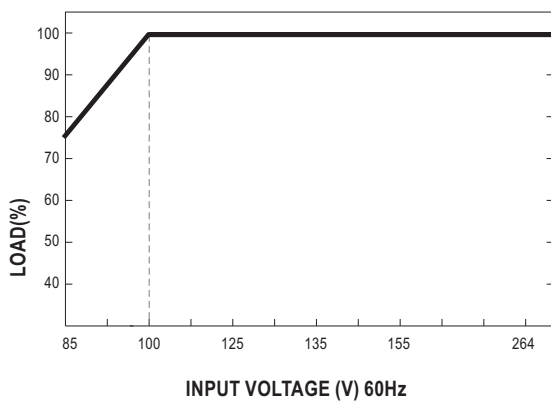
### ■ Block Diagram



### ■ Derating Curve



### ■ Output Derating VS Input Voltage





150W Ultra-High Peak Power Supply

**HRP-150N3** series

## ■ Function Manual

### 1. Peak Power

$$P_{av} = \frac{P_{pk} \times t + P_{npk} \times (T-t)}{T} \leq P_{rated}$$

$$\text{Duty} = \frac{t}{T} \times 100\% \leq 35\%$$

$$t \leq 5 \text{ sec}$$

$P_{av}$  : Average output power (W)

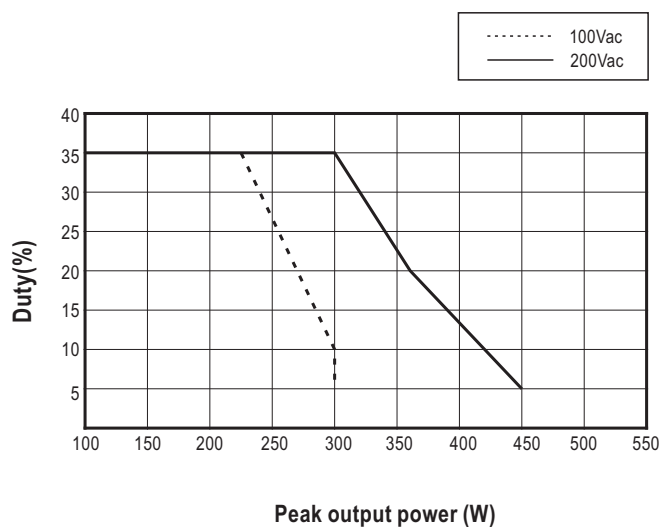
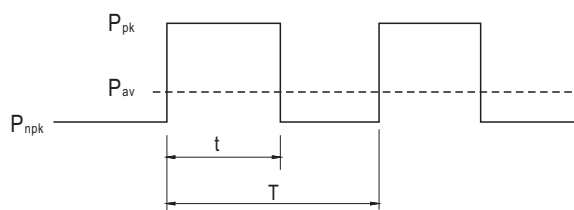
$P_{pk}$  : Peak output power (W)

$P_{npk}$  : Non-peak output power (W)

$P_{rated}$  : Rated output power (W)

$t$  : Peak power width (sec)

$T$  : Period (sec)



#### For example (12V model) :

$V_{in} = 200V$      $\text{Duty}_{max} = 5\%$

$P_{av} = P_{rated} = 156W$

$P_{pk} = 450W$

$t \leq 5 \text{ sec}$

$T \geq \frac{5 \text{ sec}}{5\%} \geq 100 \text{ sec}$

$$P_{npk} \leq \frac{T P_{av} - t P_{pk}}{T-t}$$

$P_{npk} \leq 140W$



150W Ultra-High Peak Power Supply

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2.Remote Sense

The remote sensing compensates voltage drop on the load wiring up to 0.5V.

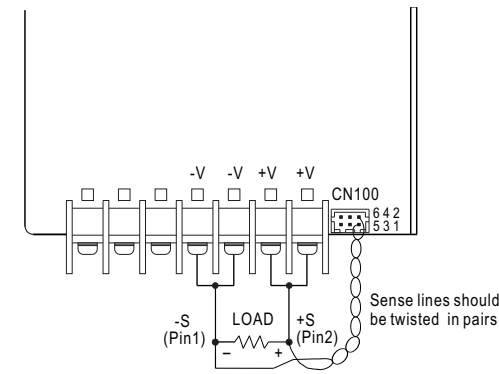


Fig 1.1

| CN100 |    |    |    |   |
|-------|----|----|----|---|
| 6     | NC | NC | +S | 2 |
| 5     | NC | NC | -S | 1 |



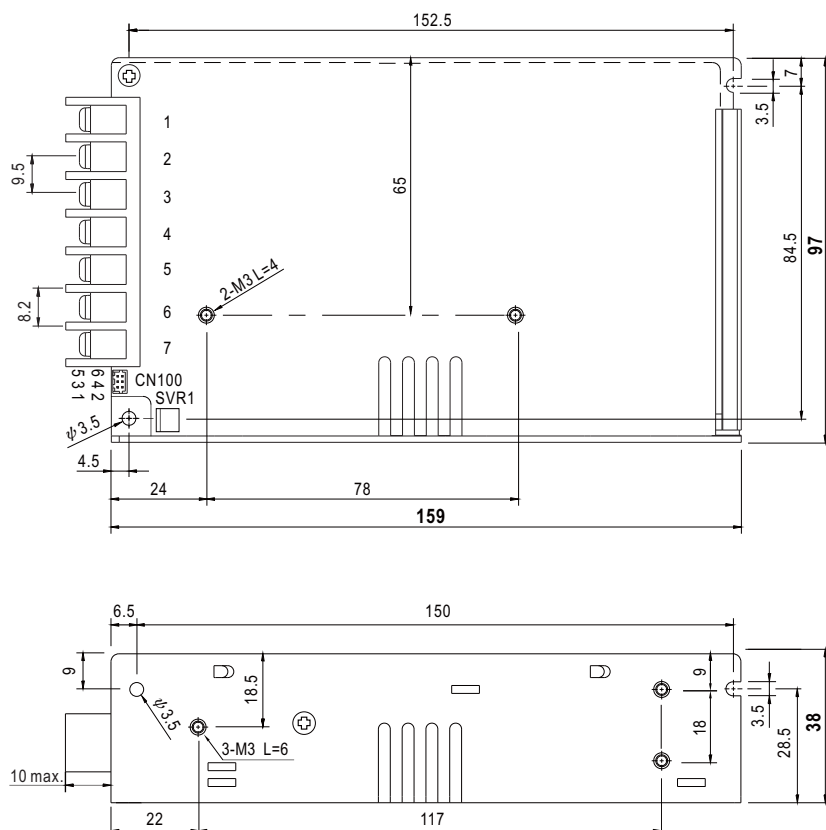
150W Ultra-High Peak Power Supply

**HRP-150N3** series

## Mechanical Specification

(Unit: mm , tolerance  $\pm 1$ mm)

Case No.9011



### 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 $\perp$ |         |              |

### Connector Pin No. Assignment (CN100) :

HRS DF11-6DP-2DSA or equivalent

| Pin No. | Assignment | Mating Housing                | Terminal                       |
|---------|------------|-------------------------------|--------------------------------|
| 1       | -S         | HRS DF11-6DS<br>or equivalent | HRS DF11-**SC<br>or equivalent |
| 2       | +S         |                               |                                |
| 3~6     | NC         |                               |                                |

## Installation Manual

Please refer to : <http://www.meanwell.com/manual.html>