



## Dimension

| L    | * | W   | * | H        |      |
|------|---|-----|---|----------|------|
| 278  | * | 127 | * | 83.5(2U) | mm   |
| 10.9 | * | 5   | * | 3.29(2U) | inch |



## Features

- Universal AC input / Full range
- Built-in active PFC function
- High efficiency up to 91%
- Forced air cooling by built-in DC fan
- Output voltage programmable
- Active current sharing up to 6000W (3+1)
- Built-in remote ON-OFF control / remote sense / auxiliary power / power OK signal
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Optional conformal coating
- 5 years warranty

## Certificates

- Safety: UL/EN/IEC 60950-1
- EMC: EN 55022 / 55024

## Applications

- Factory control or automation apparatus
- Test and measurement instrument
- Laser related machine
- Burn-in facility
- Digital broadcasting
- RF application

## Description

RSP-1500 is a 1.5KW single output enclosed type AC/DC power supply. This series operates for 90~264VAC input voltage and offers the models with the DC output mostly demanded from the industry. Each model is cooled by the built-in fan with fan speed control, working for the temperature up to 70°C. Moreover, RSP-1500 provides vast design flexibility by equipping various built-in functions such as the output programming, active current sharing, remote ON-OFF control, auxiliary power, etc.

## Model Encoding / Order Information

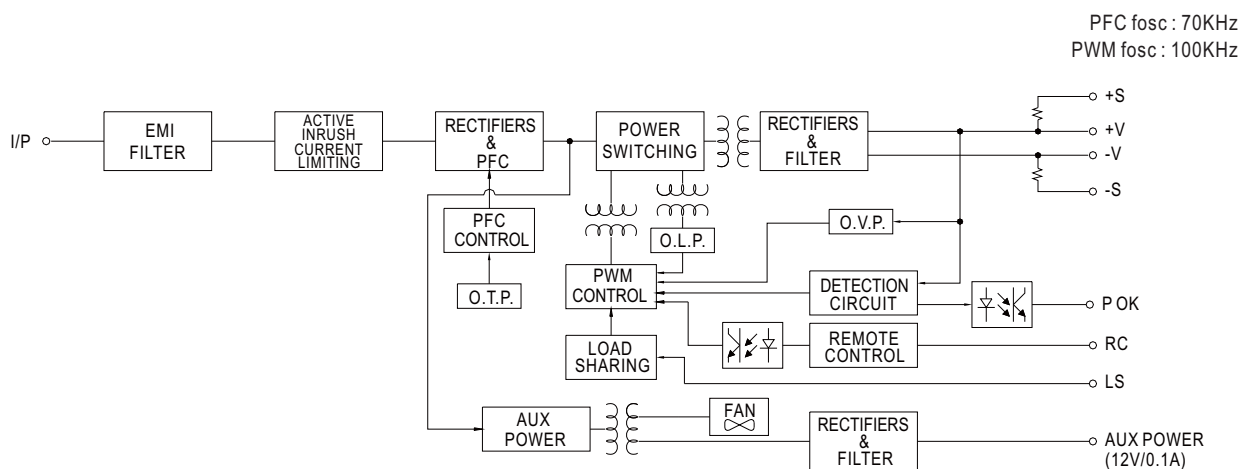
**RSP - 1500 - 48**

- Output voltage (5V/12V/15V/24V/27V/48V)
- Output wattage
- Series name

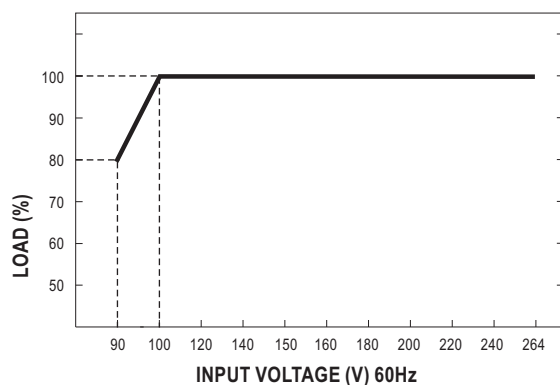
# SPECIFICATION

| MODEL                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | RSP-1500-5                                                                                                                                      | RSP-1500-12                           | RSP-1500-15       | RSP-1500-24                                                              | RSP-1500-27                             | RSP-1500-48  |  |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------|--------------------------------------------------------------------------|-----------------------------------------|--------------|--|
| OUTPUT                         | DC VOLTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5V                                                                                                                                              | 12V                                   | 15V               | 24V                                                                      | 27V                                     | 48V          |  |
|                                | RATED CURRENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 240A                                                                                                                                            | 125A                                  | 100A              | 63A                                                                      | 56A                                     | 32A          |  |
|                                | CURRENT RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0 ~ 240A                                                                                                                                        | 0 ~ 125A                              | 0 ~ 100A          | 0 ~ 63A                                                                  | 0 ~ 56A                                 | 0 ~ 32A      |  |
|                                | RATED POWER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1200W                                                                                                                                           | 1500W                                 | 1500W             | 1512W                                                                    | 1512W                                   | 1536W        |  |
|                                | RIPPLE & NOISE (max.) Note.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 150mVp-p                                                                                                                                        | 150mVp-p                              | 150mVp-p          | 150mVp-p                                                                 | 150mVp-p                                | 200mVp-p     |  |
|                                | VOLTAGE ADJ. RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4.5 ~ 5.5V                                                                                                                                      | 10 ~ 13.5V                            | 13.5 ~ 16.5V      | 20 ~ 26.4V                                                               | 24 ~ 30V                                | 43 ~ 56V     |  |
|                                | VOLTAGE TOLERANCE Note.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ± 2.0%                                                                                                                                          | ± 1.0%                                | ± 1.0%            | ± 1.0%                                                                   | ± 1.0%                                  | ± 1.0%       |  |
|                                | LINE REGULATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ± 0.5%                                                                                                                                          | ± 0.5%                                | ± 0.5%            | ± 0.5%                                                                   | ± 0.5%                                  | ± 0.5%       |  |
|                                | LOAD REGULATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ± 2.0%                                                                                                                                          | ± 0.5%                                | ± 0.5%            | ± 0.5%                                                                   | ± 0.5%                                  | ± 0.5%       |  |
|                                | SETUP, RISE TIME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1500ms, 100ms at full load                                                                                                                      |                                       |                   |                                                                          |                                         |              |  |
| HOLD UP TIME (Typ.)            | 10ms at full load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                 |                                       | 14ms at full load |                                                                          | 16ms at full load                       |              |  |
| INPUT                          | VOLTAGE RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 90 ~ 264VAC 127 ~ 370VDC                                                                                                                        |                                       |                   |                                                                          |                                         |              |  |
|                                | FREQUENCY RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 47 ~ 63Hz                                                                                                                                       |                                       |                   |                                                                          |                                         |              |  |
|                                | POWER FACTOR (Typ.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.95/230VAC 0.98/115VAC at full load                                                                                                            |                                       |                   |                                                                          |                                         |              |  |
|                                | EFFICIENCY (Typ.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 80%                                                                                                                                             | 87%                                   | 87%               | 90%                                                                      | 90%                                     | 91%          |  |
|                                | AC CURRENT (Typ.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17A/115VAC 8A/230VAC                                                                                                                            |                                       |                   |                                                                          |                                         |              |  |
|                                | INRUSH CURRENT (Typ.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 30A/115VAC 60A/230VAC                                                                                                                           |                                       |                   |                                                                          |                                         |              |  |
|                                | LEAKAGE CURRENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <2.0mA / 240VAC                                                                                                                                 |                                       |                   |                                                                          |                                         |              |  |
| PROTECTION                     | OVERLOAD Note.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 105 ~ 135% rated output power<br>Protection type : Constant current limiting unit will shut down o/p voltage after 5sec. Re-power on to recover |                                       |                   |                                                                          |                                         |              |  |
|                                | OVER VOLTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5.75 ~ 6.75V                                                                                                                                    | 13.8 ~ 16.8V                          | 17 ~ 20.5V        | 27.6 ~ 32.4V                                                             | 31 ~ 36.5V                              | 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                                                                       |                                       |                   |                                                                          |                                         |              |  |
| FUNCTION                       | OUTPUT VOLTAGE PROGRAMMABLE(PV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Adjustment of output voltage is allowable to 70 ~ 100% of nominal output voltage. Please refer to the Function Manual.                          |                                       |                   |                                                                          |                                         |              |  |
|                                | CURRENT SHARING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Up to 6000W or (3+1) units. Please refer to the Function Manual.                                                                                |                                       |                   |                                                                          |                                         |              |  |
|                                | AUXILIARY POWER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 12V@0.1A(Only for Remote ON-OFF control)                                                                                                        |                                       |                   |                                                                          |                                         |              |  |
|                                | REMOTE ON-OFF CONTROL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Please see the Function Manual.                                                                                                                 |                                       |                   |                                                                          |                                         |              |  |
|                                | REMOTE SENSE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Compensate voltage drop on the load wiring up to 0.3V. Please refer to the Function Manual.                                                     |                                       |                   |                                                                          |                                         |              |  |
|                                | ALARM SIGNAL OUTPUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Power OK signal. Please see the Function Manual.                                                                                                |                                       |                   |                                                                          |                                         |              |  |
| ENVIRONMENT                    | WORKING TEMP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -20 ~ +70℃ (Refer to "Derating Curve")                                                                                                          |                                       |                   |                                                                          |                                         |              |  |
|                                | WORKING HUMIDITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20 ~ 90% RH non-condensing                                                                                                                      |                                       |                   |                                                                          |                                         |              |  |
|                                | STORAGE TEMP., HUMIDITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -40 ~ +85℃, 10 ~ 95% RH                                                                                                                         |                                       |                   |                                                                          |                                         |              |  |
|                                | TEMP. COEFFICIENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ±0.05%/℃ (0 ~ 50℃)                                                                                                                              |                                       |                   |                                                                          |                                         |              |  |
|                                | VIBRATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes                                                                                    |                                       |                   |                                                                          |                                         |              |  |
| SAFETY & EMC (Note 4)          | SAFETY STANDARDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | UL60950-1, TUV EN60950-1 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                                                                                                                                       | EN55022 (CISPR22) / EN55011 (CISPR11) |                   |                                                                          | Class A                                 |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Radiated                                                                                                                                        | EN55022 (CISPR22) / EN55011 (CISPR11) |                   |                                                                          | Class A                                 |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Harmonic Current                                                                                                                                | EN61000-3-2                           |                   |                                                                          | -----                                   |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Voltage Flicker                                                                                                                                 | EN61000-3-3                           |                   |                                                                          | -----                                   |              |  |
|                                | EMC IMMUNITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN55024, EN61204-3, EN61000-6-2                                                                                                                 |                                       |                   |                                                                          |                                         |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Parameter                                                                                                                                       | Standard                              |                   |                                                                          | Test Level / Note                       |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ESD                                                                                                                                             | EN61000-4-2                           |                   |                                                                          | Level 3, 8KV air ; Level 2, 4KV contact |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Radiated                                                                                                                                        | EN61000-4-3                           |                   |                                                                          | Level 3                                 |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EFT / Burst                                                                                                                                     | EN61000-4-4                           |                   |                                                                          | Level 3                                 |              |  |
|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Surge                                                                                                                                           | EN61000-4-5                           |                   |                                                                          | Level 4, 2KV/Line-Line 4KV/Line-Earth   |              |  |
| Conducted                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EN61000-4-6                                                                                                                                     |                                       |                   | Level 3                                                                  |                                         |              |  |
| Magnetic Field                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EN61000-4-8                                                                                                                                     |                                       |                   | Level 4                                                                  |                                         |              |  |
| Voltage Dips and Interruptions |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EN61000-4-11                                                                                                                                    |                                       |                   | >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods |                                         |              |  |
| OTHERS                         | MTBF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 265.3K hrs min. Telcordia SR-332 (Bellcore) ; 90.3K hrs min. MIL-HDBK-217F (25℃)7F (25℃)                                                        |                                       |                   |                                                                          |                                         |              |  |
|                                | DIMENSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 278*127*83.5mm (L*W*H)                                                                                                                          |                                       |                   |                                                                          |                                         |              |  |
|                                | PACKING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3.0Kg; 4pcs/13Kg/1.19CUFT                                                                                                                       |                                       |                   |                                                                          |                                         |              |  |
| NOTE                           | 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature.<br>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.<br>3. Tolerance : includes set up tolerance, line regulation and load regulation.<br>4. The power supply is considered a component which will be installed into a final equipment. All the EMC tests are been executed by mounting the unit on a 720mm*360mm metal plate with 1mm of thickness. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." (as available on <a href="http://www.meanwell.com">http://www.meanwell.com</a> )<br>5. Derating may be needed under low input voltages. Please check the derating curve for more details. |                                                                                                                                                 |                                       |                   |                                                                          |                                         |              |  |

## Block Diagram

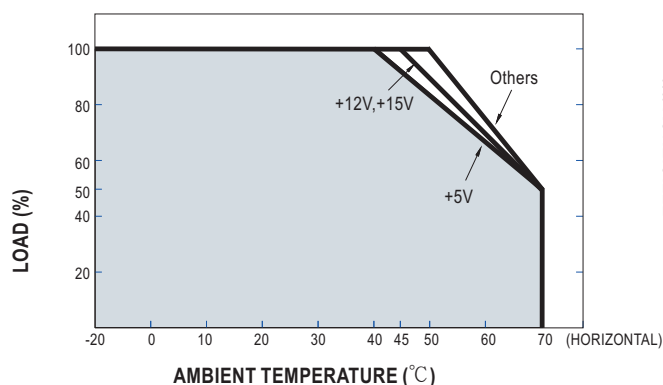


## Static Characteristics

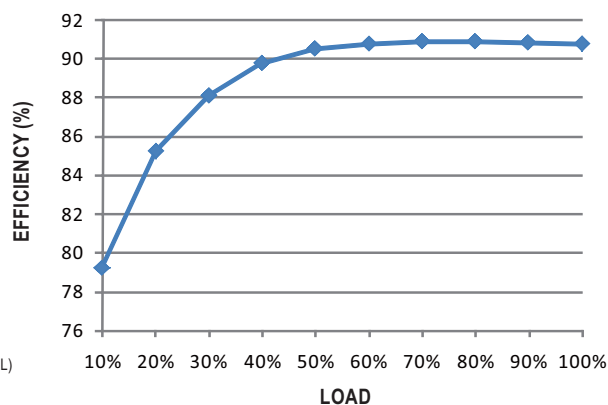


| INPUT \ MODEL | 5V               | 12V              | 15V              |
|---------------|------------------|------------------|------------------|
|               | 1200W<br>240A    | 1500W<br>125A    | 1500W<br>100A    |
| 90VAC         | 960W<br>192A     | 1200W<br>100A    | 1200W<br>80A     |
|               |                  |                  |                  |
| INPUT \ MODEL | 24V              | 27V              | 48V              |
|               | 1512W<br>63A     | 1512W<br>56A     | 1536W<br>32A     |
| 90VAC         | 1209.6W<br>50.4A | 1209.6W<br>44.8A | 1228.8W<br>25.6A |
|               |                  |                  |                  |

## Derating Curve



## Efficiency vs Load (48V Model)

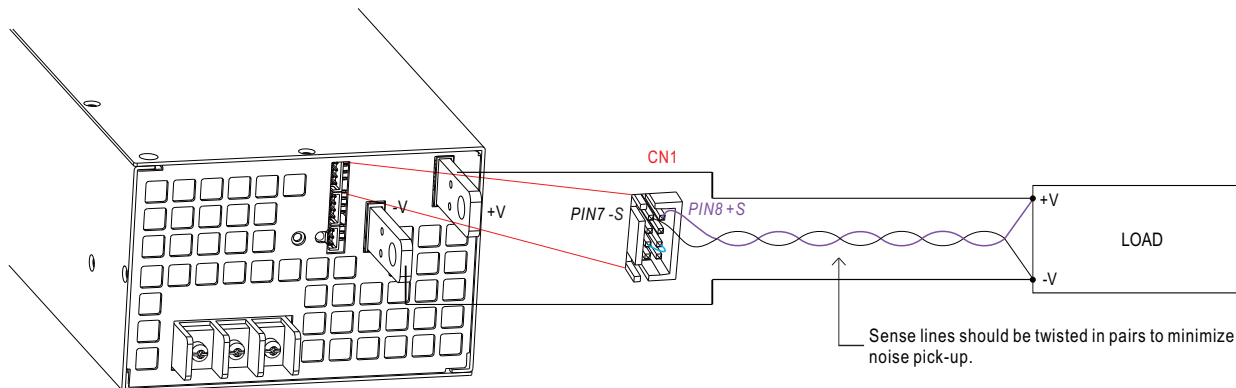


© The curve above is measured at 230VAC.

## Function Manual

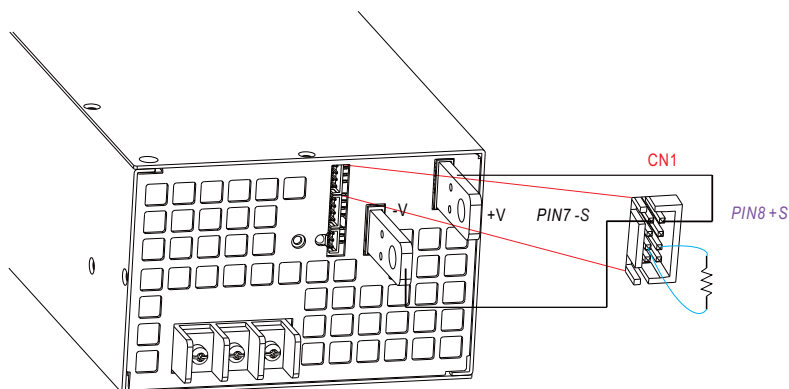
### 1. Remote Sense

※ The Remote Sense compensates voltage drop on the load wiring up to 0.3V



### 2. Output Voltage Programming (or, PV / remote voltage programming / remote adjust / margin programming / dynamic voltage trim)

※ In addition to the adjustment via the built-in potentiometer, the output voltage can be trimmed to 70~100%(Typ.) of the nominal voltage by applying EXTERNAL RESISTANCE



◎ Connect an external resistor between TRIM(pin4) & -S(pin3 or pin4 or pin5) on CN1 or CN2, and +S & +V, -S & -V also need to be connected.

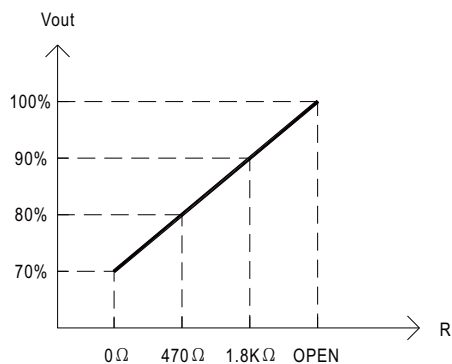
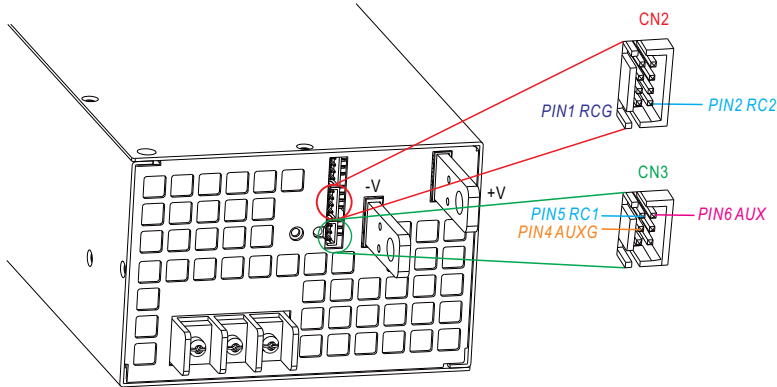


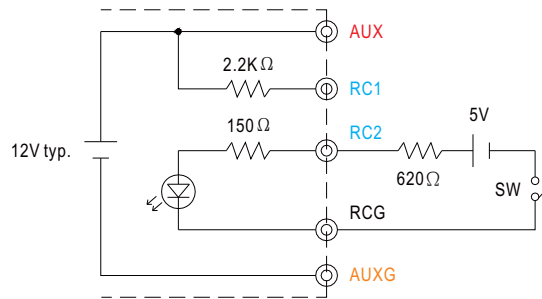
Fig. 2.2 External Resistance (Typical)

### 3.Remote ON-OFF

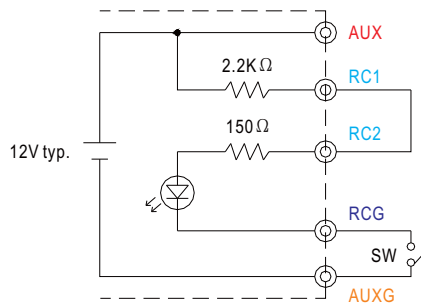
※ Remote ON-OFF is activated by the configuration with respect to CN1,CN2 and CN3 as shown in the following diagram.



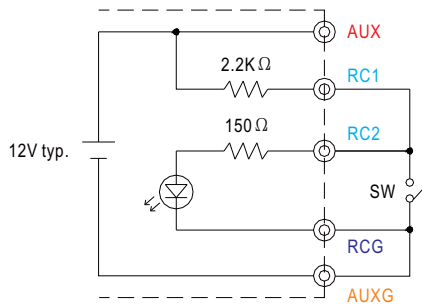
Example 3.2(A): Using external voltage source



Example 3.2(B): Using internal 12V auxiliary output



Example 3.2(C): Using internal 12V auxiliary output

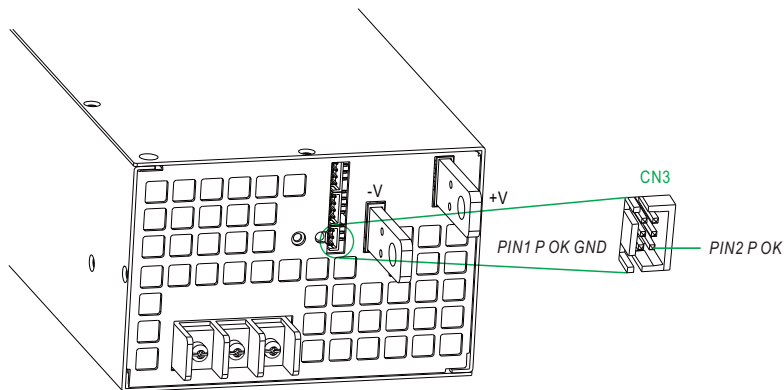


© Connection Method

|          |            | Fig. 3.2(A) | Fig. 3.2(B) | Fig. 3.2(C) |
|----------|------------|-------------|-------------|-------------|
| SW Logic | Output on  | SW Open     | SW Open     | SW Close    |
|          | Output off | SW Close    | SW Close    | SW Open     |

#### 4. Alarm Signal Output

※ Alarm signal is sent out through "P OK" & "P OK GND" and pins on CN3. Please acknowledge an external voltage source is required for this function.



| Function | Description                                                                                                      | Output of alarm(P OK)                                |
|----------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| P OK     | The signal is "Low" when the power supply is above 65% of the rated output voltage, or say, Power OK             | Low<br>(0.5V max at 10mA)                            |
|          | The signal turns to be "High" when the power supply is under 65% of the rated output voltage, or say, Power Fail | High or open<br>(External applied voltage 10mA max.) |

Table 4.1 Explanation of alarm

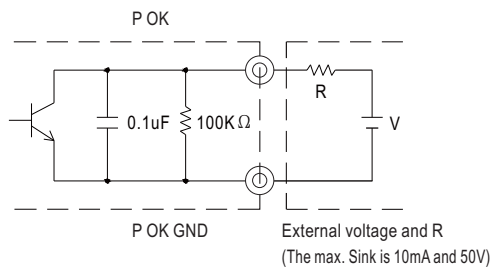


Fig. 4.1 Internal circuit of P OK (Open collector method)

## 5. Current Sharing with Remote Sense

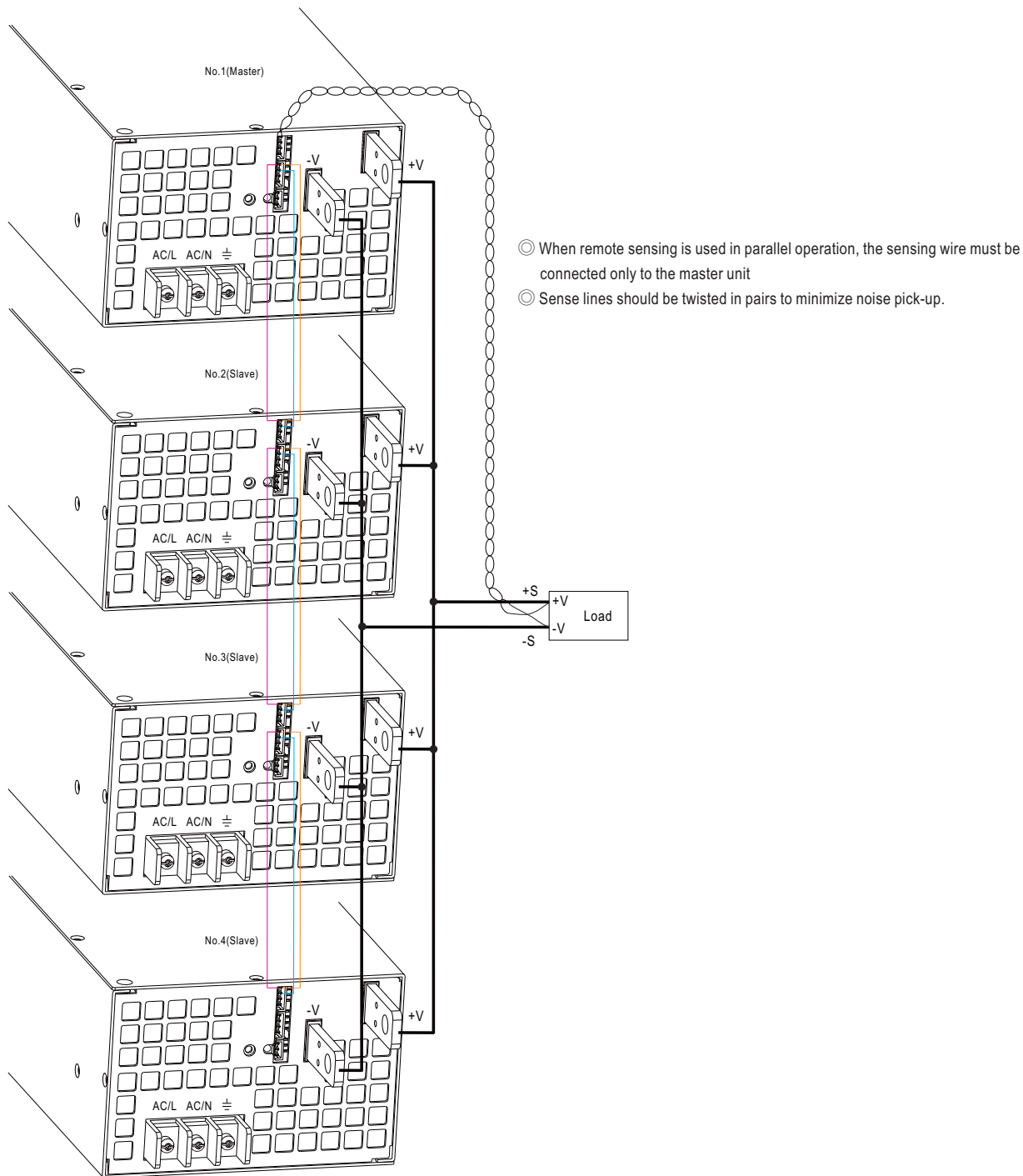
RSP-1500 has the built-in active current sharing function and can be connected in parallel, up to 4 units, to provide higher output power as exhibited below :

※ The power supplies should be paralleled using short and large diameter wiring and then connected to the load.

※ Difference of output voltages among parallel units should be less than 0.2V.

※ The total output current must not exceed the value determined by the following equation:

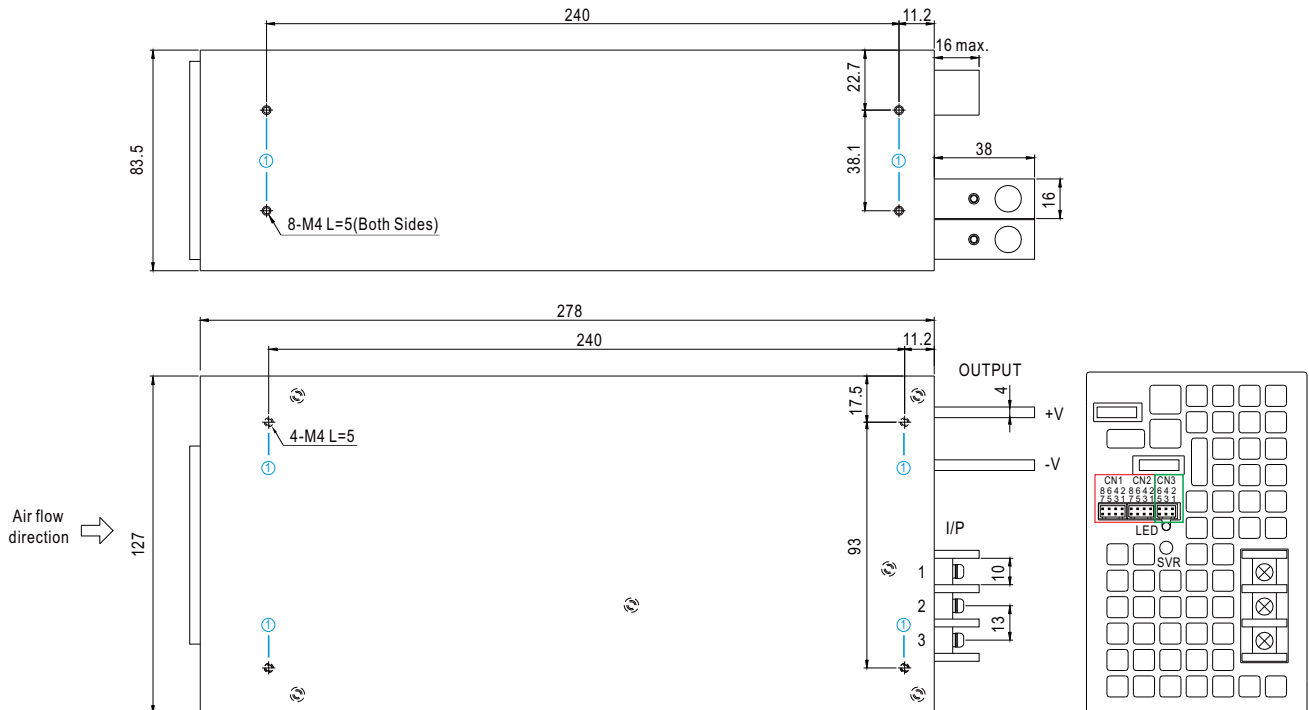
$$\text{Maximum output current at parallel operation} = (\text{Rated current per unit}) \times (\text{Number of unit}) \times 0.9$$



◎ +S, -S and CS are connected mutually in parallel.

Case No.943A Unit:mm

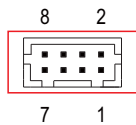
## Mechanical Specification



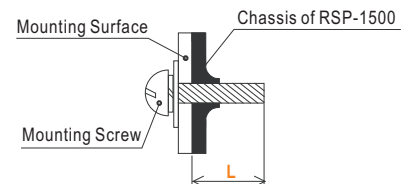
### ※ Mounting Instruction

| Hole No. | Recommended Screw Size | MAX. Penetration Depth L | Recommended mounting torque |
|----------|------------------------|--------------------------|-----------------------------|
| ①        | M4                     | 5mm                      | 7~10Kgf-cm                  |

### ※ Control Pin No. Assignment (CN1,CN2) : HRS DF11-8DP-2DS or equivalent



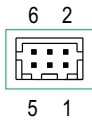
|                |                            |
|----------------|----------------------------|
| Mating Housing | HRS DF11-8DS or equivalent |
| Terminal       | HRS DF11-8SC or equivalent |



© CN1 and CN2 are connected internally.

| Pin No. | Function          | Description                               |
|---------|-------------------|-------------------------------------------|
| 1       | RCG               | Remote ON-OFF Ground                      |
| 2       | RC2               | Remote ON-OFF                             |
| 3,5,7   | -S                | Negative sensing for remote sense         |
| 4       | TRIM              | Connection for output voltage programming |
| 6       | LS(Current Share) | Current Share                             |
| 8       | +S                | Positive sensing for remote sense         |

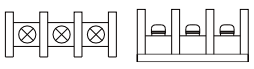
※Control Pin No. Assignment (CN3) : HRS DF11-6DP-2DS or equivalent



|                |                              |
|----------------|------------------------------|
| Mating Housing | HRS DF11-6DS or equivalent   |
| Terminal       | HRS DF11-6**SC or equivalent |

| Pin No. | Function | Description          |
|---------|----------|----------------------|
| 1       | P OK GND | Power OK Ground      |
| 2       | P OK     | Power OK Signal      |
| 3       | RCG      | Remote ON-OFF Ground |
| 4       | AUXG     | Auxiliary Ground     |
| 5       | RC1      | Remote ON-OFF        |
| 6       | AUX      | Auxiliary Output     |

※AC Input Terminal Pin No. Assignment

| Pin No. | Assignment | Diagram                                                                           | Maximum mounting torque |
|---------|------------|-----------------------------------------------------------------------------------|-------------------------|
| 1       | FG $\perp$ |  | 18Kgf-cm                |
| 2       | AC/N       |                                                                                   |                         |
| 3       | AC/L       |                                                                                   |                         |

## ■ Installation Manual

Please refer to : <http://www.meanwell.com/webnet/search/InstallationSearch.html>