



## RSP-350W Single output power supply

### Summary

- > Single output: power 350W
- > Input voltage: 90~264VAC, 135~370VDC



### General Specification

215×115×30mm

| Specification                   | Model | RSP-350-12                                                                                                                                                                              | RSP-350-24    | RSP-350-36  | RSP-350-48   |
|---------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|--------------|
| DC output voltage, current      |       | 12V 0 ~ 29A                                                                                                                                                                             | 24V 0 ~ 14.5A | 36V 0 ~ 10A | 48V 0 ~ 7.3A |
| Wave and noise                  |       | 150mVp-p                                                                                                                                                                                | 200mVp-p      | 220mVp-p    | 240mVp-p     |
| Line regulation rate            |       | ± 0.5%                                                                                                                                                                                  | ± 0.5%        | ± 0.5%      | ± 0.5%       |
| Load regulation rate            |       | ± 1%                                                                                                                                                                                    | ± 0.5%        | ± 0.5%      | ± 0.5%       |
| Efficiency                      |       | 91%                                                                                                                                                                                     | 92.5%         | 93%         | 94%          |
| Adjustable range for DC voltage |       | ± 10%                                                                                                                                                                                   | ± 10%         | ± 10%       | ± 10%        |
| Input voltage range             |       | 90~264VAC, 135~370VDC (Can withstand 300VAC surge input for 5 seconds without damage) 47~63Hz                                                                                           |               |             |              |
| AC input current                |       | 4.0A/115V 2.0A/230VAC                                                                                                                                                                   |               |             |              |
| Power factor                    |       | PF≥0.99/115VAC, PF≥0.95/230VAC (When fully loaded)                                                                                                                                      |               |             |              |
| Impact current                  |       | Cold start current 40A/230VAC                                                                                                                                                           |               |             |              |
| Overload protection             |       | Overload protection is activated at 100%~125% of the rated output power. Protection method: Isolation mode, can automatically restore normal output after removing abnormal conditions. |               |             |              |
| Overvoltage protection          |       | Starting overvoltage protection at 115%~135% of rated output voltage. Protection method: Isolation mode, can automatically restore normal output after removing abnormal conditions.    |               |             |              |
| Over temperature protection     |       | 85°C ± 10°C Protection method: Isolation mode, can automatically recover after the temperature returns to normal                                                                        |               |             |              |
| Setup, rise, hold up time       |       | 800ms, 50ms, 16ms/230VAC (When fully loaded)                                                                                                                                            |               |             |              |
| Withstand voltage               |       | Input/output space (I/P~O/P): 1.5KVAC input to ground (I/P~FG): 1.5KVAC output to ground (O/P~FG): 0.5KVAC                                                                              |               |             |              |
| Insulation resistance           |       | Input/output (I/P~O/P), input to ground (I/P~FG), output to ground (O/P~FG): 100M Ohms/500VDC/25 ° C/70% RH                                                                             |               |             |              |
| Working temperature/humidity    |       | -20°C ~ +60°C 20%~90% RH, No condensation                                                                                                                                               |               |             |              |
| Dimension                       |       | 215 × 115 × 30mm ( L*W*H )                                                                                                                                                              |               |             |              |
| Packing                         |       | 0.8kg/20pcs/17.5kg/0.003m³                                                                                                                                                              |               |             |              |

### Overall dimension(mm)

Terminal Pin Assignment

| Pin number | Assignment | Pin number | Assignment   |
|------------|------------|------------|--------------|
| 1          | AC/L       | 4~6        | DC OUTPUT -V |
| 2          | AC/N       | 7~9        | DC OUTPUT +V |
| 3          | FG         |            |              |

