



Наличие и актуальные цены на

**SE-350-24**

<https://www.mean-well.ru/store/SE-350-24/>



## Features :

- AC input range selectable by switch
- Protections: Short circuit / Overload / Over voltage/ Over temperature
- Forced air cooling by built-in DC fan
- Withstand 300vac surge input for 5 second
- Built-in cooling Fan ON-OFF control
- Built-in constant current limiting circuit
- 100% full load burn-in test
- LED indicator for power on
- Fixed switching frequency at 90KHz
- Low cost,high reliability
- 2 years warranty

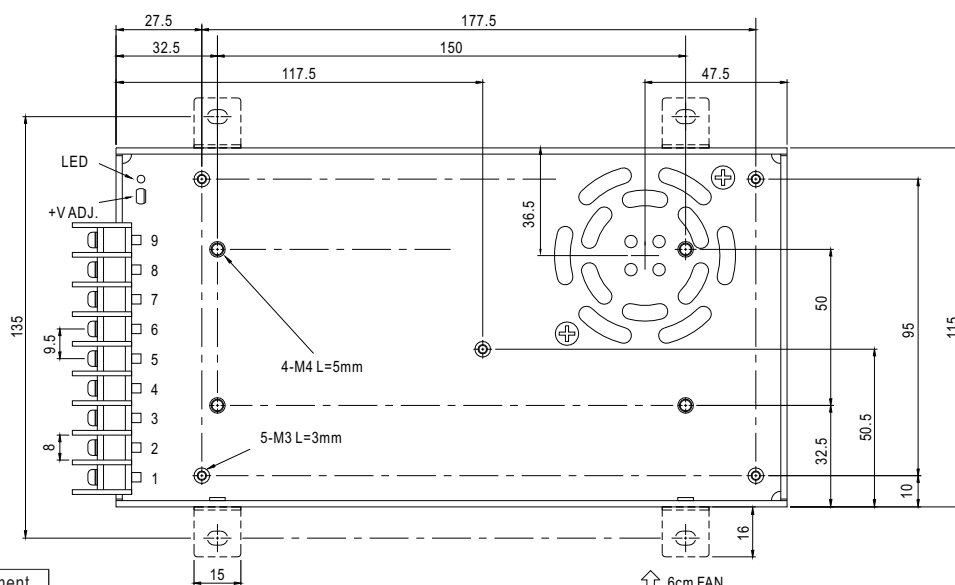


## SPECIFICATION

| MODEL       |                              | SE-350-3.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SE-350-5    | SE-350-7.5   | SE-350-12    | SE-350-15  | SE-350-24    | SE-350-27    | SE-350-36  | SE-350-48    |
|-------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|--------------|------------|--------------|--------------|------------|--------------|
| OUTPUT      | DC VOLTAGE                   | 3.3V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5V          | 7.5V         | 12V          | 15V        | 24V          | 27V          | 36V        | 48V          |
|             | RATED CURRENT                | 60A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 60A         | 46A          | 29A          | 23.2A      | 14.6A        | 13A          | 9.7A       | 7.3A         |
|             | CURRENT RANGE                | 0 ~ 60A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0 ~ 60A     | 0 ~ 46A      | 0 ~ 29A      | 0 ~ 23.2A  | 0 ~ 14.6A    | 0 ~ 13A      | 0 ~ 9.7A   | 0 ~ 7.3A     |
|             | RATED POWER                  | 198W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 300W        | 345W         | 348W         | 348W       | 350.4W       | 351W         | 349.2W     | 350.4W       |
|             | RIPPLE & NOISE (max.) Note.2 | 150mVp-p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 150mVp-p    | 150mVp-p     | 150mVp-p     | 150mVp-p   | 150mVp-p     | 200mVp-p     | 240mVp-p   | 240mVp-p     |
|             | VOLTAGE ADJ. RANGE           | 2.97 ~ 3.7V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4.5 ~ 5.6V  | 6 ~ 9V       | 10 ~ 13.5V   | 13.5 ~ 18V | 20 ~ 26.4V   | 26 ~ 32V     | 32~40V     | 41 ~ 56V     |
|             | VOLTAGE TOLERANCE Note.3     | +3%,-4.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ±3.0%       | ±2.0%        | ±1.5%        | ±1.0%      | ±1.0%        | ±1.0%        | ±1.0%      | ±1.0%        |
|             | LINE REGULATION              | ±0.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ±0.5%       | ±0.5%        | ±0.5%        | ±0.5%      | ±0.5%        | ±0.5%        | ±0.5%      | ±0.5%        |
|             | LOAD REGULATION              | ±2.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ±2.0%       | ±2.0%        | ±1.0%        | ±0.5%      | ±0.5%        | ±0.5%        | ±0.5%      | ±0.5%        |
|             | SETUP, RISE TIME             | 1000ms, 50ms/230VAC 1000ms,50ms/115VAC at full load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |              |              |            |              |              |            |              |
|             | HOLD UP TIME (Typ.)          | 20ms/230VAC 16ms/115VAC at full load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |              |              |            |              |              |            |              |
| INPUT       | VOLTAGE RANGE Note.4         | 90 ~ 132VAC / 180 ~ 264VAC by switch 254 ~ 370VDC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |              |              |            |              |              |            |              |
|             | FREQUENCY RANGE              | 47 ~ 63Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |              |              |            |              |              |            |              |
|             | EFFICIENCY (Typ.)            | 74%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 78%         | 80%          | 83%          | 84%        | 87%          | 88%          | 87.5%      | 87.5%        |
|             | AC CURRENT (Typ.)            | 7A/115VAC 4A/230VAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |              |              |            |              |              |            |              |
|             | INRUSH CURRENT (Typ.)        | 40A/115VAC 60A/230VAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |              |              |            |              |              |            |              |
|             | LEAKAGE CURRENT              | <3.5mA / 240VAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |              |              |            |              |              |            |              |
| PROTECTION  | OVER LOAD                    | 105 ~ 135% rated output power<br>Protection type : Constant current limiting, recovers automatically after fault condition is removed                                                                                                                                                                                                                                                                                                                                                                                                              |             |              |              |            |              |              |            |              |
|             | OVER VOLTAGE                 | 3.8 ~ 4.6V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5.75 ~ 7.5V | 9.4 ~ 11.25V | 13.8 ~ 16.2V | 18 ~ 21V   | 27.6 ~ 32.4V | 33.7 ~ 39.2V | 41.4~46.8V | 57.6 ~ 67.2V |
|             | OVER TEMPERATURE             | 90°C±5°C (3.3~7.5V); 85°C±5°C (12~15V); 80°C±5°C (24V);75°C±5°C (27~48V) (TSW1) Detect on case<br>Protection type : Shut down O/P voltage, recovers automatically after temperature goes down                                                                                                                                                                                                                                                                                                                                                      |             |              |              |            |              |              |            |              |
| FUNCTION    | FAN ON/OFF CONTROL(Typ.)     | RTH2≥50°C FAN ON, ≤45°C FAN OFF (3.3 ~ 7.5V)<br>RTH2≥55°C FAN ON, ≤50°C FAN OFF (12 ~ 48V)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |              |              |            |              |              |            |              |
|             |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |              |              |            |              |              |            |              |
| ENVIRONMENT | WORKING TEMP.                | -20 ~ +60°C (Refer to output load derating curve)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |              |              |            |              |              |            |              |
|             | WORKING HUMIDITY             | 20 ~ 90% RH non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |              |              |            |              |              |            |              |
|             | STORAGE TEMP., HUMIDITY      | -20 ~ +85°C, 10 ~ 95% RH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |              |              |            |              |              |            |              |
|             | TEMP. COEFFICIENT            | ±0.03%/°C (0 ~ 50°C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |              |              |            |              |              |            |              |
| SAFETY      | VIBRATION                    | 10 ~ 500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |              |              |            |              |              |            |              |
|             | SAFETY STANDARDS             | UL60950-1 approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |              |              |            |              |              |            |              |
|             | WITHSTAND VOLTAGE            | I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |              |              |            |              |              |            |              |
| OTHERS      | ISOLATION RESISTANCE         | I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC / 25°C / 70% RH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |              |              |            |              |              |            |              |
|             | MTBF                         | 234.3K hrs min. MIL-HDBK-217F (25°C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |              |              |            |              |              |            |              |
|             | DIMENSION                    | 215*115*50mm (L*W*H)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |              |              |            |              |              |            |              |
| NOTE        | PACKING                      | 1.07Kg; 12pcs/13.5Kg/0.92CUFT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |              |              |            |              |              |            |              |
|             |                              | 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C 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. Please connect positive pole of input voltage with mark "L" of terminal block, connect negative pole of input voltage with mark "N" of terminal block, using DC voltage for input voltage. |             |              |              |            |              |              |            |              |

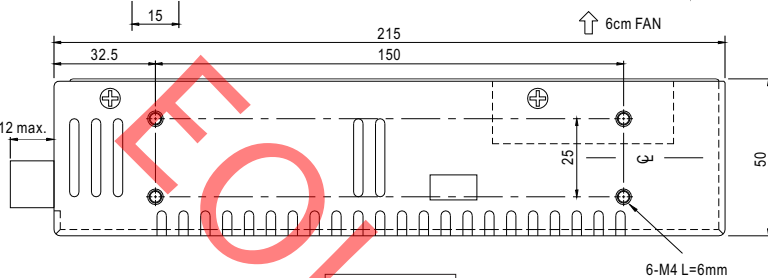
## ■ Mechanical Specification

Case No. 912C Unit:mm

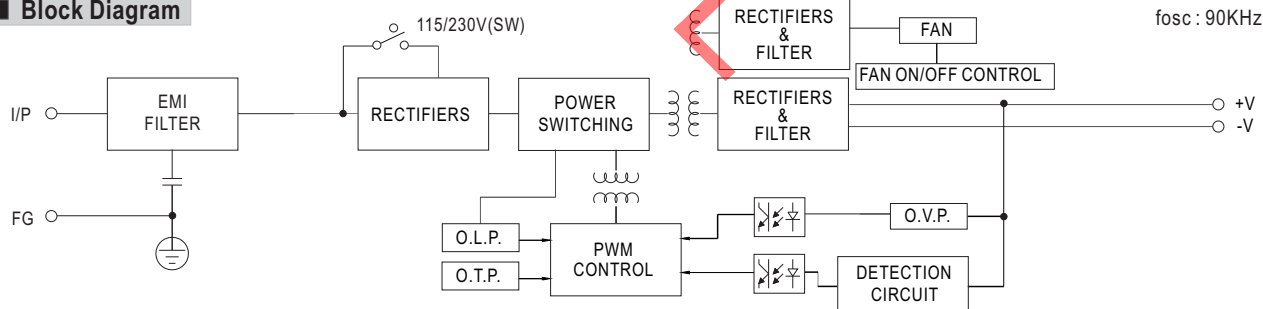


Terminal Pin No. assignment:

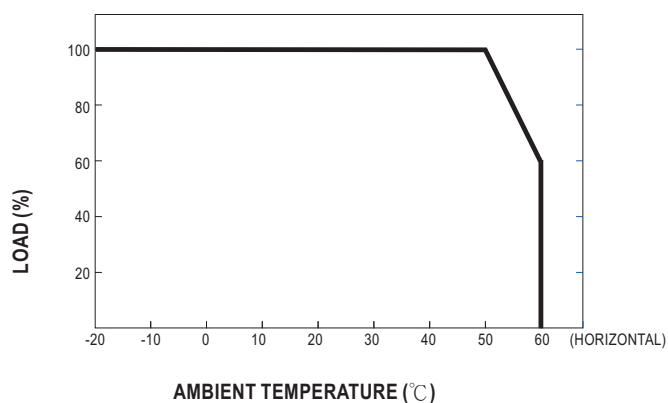
| Pin No. | Assignment | Pin No. | Assignment   |
|---------|------------|---------|--------------|
| 1       | AC/L       | 4~6     | DC OUTPUT -V |
| 2       | AC/N       | 7~9     | DC OUTPUT +V |
| 3       | FG $\perp$ |         |              |



### ■ Block Diagram



### Derating Curve



## ■ Static Characteristics

