



## 360W STANDARD SWITCHING POWER SUPPLY DOUBLE OUTPUT

(Dimension)

L:210 mm

W:81 mm

H:30mm

Weight: 0.58Kg



### ■Applications

- .Industrial automation machinery
- .Mechanical,electrical equipment
- .LED slim lighting equipment
- .IT communication equipment
- .Aging equipment

### ■Features

- Over-load,Over-temp. protection
- cooling by free air convection
- LED power indicator
- 100% full load burn-in test
- No-load consumption <0.7W
- Withstand 300VAC surge input for 5 seconds
- Working temperature up to 60°C
- 5G vibration tested
- High efficiency,long life,high reliability
- 2 years warranty

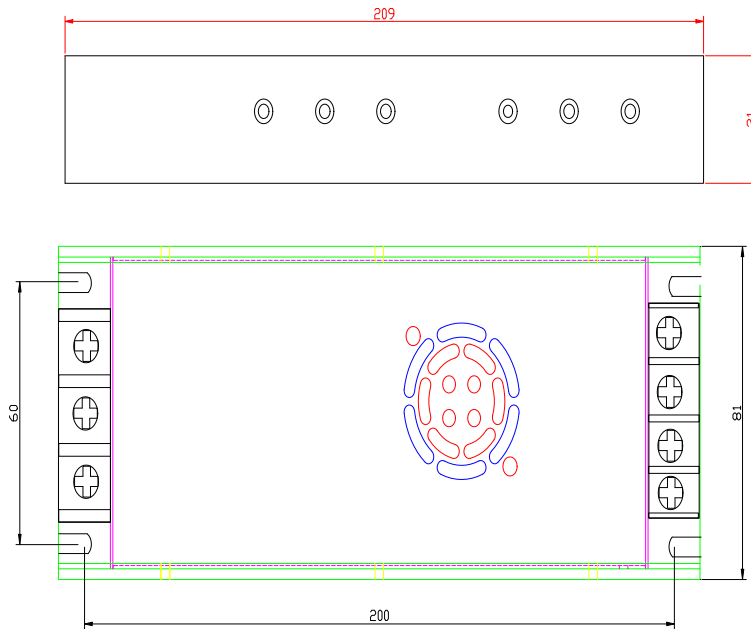


### Specifications

| Product No.                |   | SLC-360-12  | SLC-360-24 |  |  |  |  |
|----------------------------|---|---|------------|--|--|--|--|
| Output                     | DC voltage  | 12V   | 24V        |  |  |  |  |
|                            | Rated Current   | 30A   | 15A        |  |  |  |  |
|                            | Current Range   | 0-30A   | 0-15A      |  |  |  |  |
|                            | Rated Power   | 360W  | 360W       |  |  |  |  |
|                            | Ripple and Noise(Max)Note.2   | 150mVp-p  | 240mVp-p   |  |  |  |  |
|                            | Voltage adjustment  | 10.8-13.2V  | 22-27.6V   |  |  |  |  |
|                            | Voltage tolerance Note3   | ±1%   | ±1%        |  |  |  |  |
|                            | Linear Regulation Note4   | ±0.5%   | ±0.5%      |  |  |  |  |
|                            | Load Regulation Note5   | ±0.5%   | ±0.5%      |  |  |  |  |
|                            | Setup and rise time   | 1000ms,30ms/230VAC  |            |  |  |  |  |
| Hold up time (Typ)         | 50ms/230VAC 10ms/115AC  |   |            |  |  |  |  |
| Input                      | Voltage range   | AC 220±15%  |            |  |  |  |  |
|                            | Frequency range   | 50HZ/60HZ   |            |  |  |  |  |
|                            | Efficiency (Typ)  | 80%   | 81%        |  |  |  |  |
|                            | AC current (Typ)  | 3.2A/220V   |            |  |  |  |  |
|                            | Surge (Inrush) current (Typ)  | Cold start: 65A/230VAC  |            |  |  |  |  |
|                            | Leakage Current   | <2mA/240VAC   |            |  |  |  |  |
| Protection                 | Overload  | >105% rated output power  |            |  |  |  |  |
|                            |   | Protection type: Hiccup mode, recovers automatically after fault condition is removed |            |  |  |  |  |
|                            | Over temperature  | Overheat protection starts when temperature in transistor over 140°C                  |            |  |  |  |  |
|                            | Recovers automatically after temperature is normal.   |   |            |  |  |  |  |
| Environment                | Working temp.   | -20~+50°C (Please refer to the attenuation curve)                                     |            |  |  |  |  |
|                            | Working humidity  | 20~90% RH, Non-condensing   |            |  |  |  |  |
|                            | Storage temp & hmdty  | -40~+80°C   |            |  |  |  |  |
|                            | Temp. coefficient   | ±0.03%/°C (0~50°C)  |            |  |  |  |  |
|                            | Vibration proof   | 10~500HZ,5G 10min/1 cycle, period for 60min, each along X、Y、Z axes                    |            |  |  |  |  |
| Safety reg. & EMC (Note.6) | Safety regulation   | GB195110.1-2004/IEC61347-1:2003 CE(EMC+LVD)   |            |  |  |  |  |
|                            | Voltage proof   | I/P-O:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC   |            |  |  |  |  |
|                            | Isolation resistance  | I/P-O/P, I/P-FG,O/P-FG:100M Ohms/500VDC/25°C /70% RH                                  |            |  |  |  |  |
|                            | EMC irradiation   | EN 55022A:2006;EN61000-3-2:1995+A2:2005   |            |  |  |  |  |
| Others                     | EMC disturbance proof   | EN 61000-3-2:2006;  |            |  |  |  |  |
|                            | Dimensions  | 210*81*30(L*W*H)  |            |  |  |  |  |
|                            | Packing   | 0.58kg/PCS;30PCS/14.4kg   |            |  |  |  |  |
| Remark                     | 1. Unless specially indicated, all data are taken under 230VAC input, rated load and 25°C environment temp.                             |   |            |  |  |  |  |
|                            | 2.Ripple and noise: measured with a 12" double ripple cord connected in parallel with a 0.1μF and a 47 μF capacitor on 20MHz bandwidth. |   |            |  |  |  |  |
|                            | 3.Tolerance(Accuracy): including preset errors, linear adjustment rate and load adjustment rate.  |   |            |  |  |  |  |
|                            | 4.Linear adjustment: taken under rated load from low voltage to high voltage.   |   |            |  |  |  |  |
|                            | 5.Load adjustment: taken under 0~100% of rated load.  |   |            |  |  |  |  |
|                            | 6. Power supply is taken as part of the whole system, and needs to be confirmed with terminal instruments for EMC.                      |   |            |  |  |  |  |

# 360W STANDARD SWITCHING POWER SUPPLY SINGLE OUTPUT

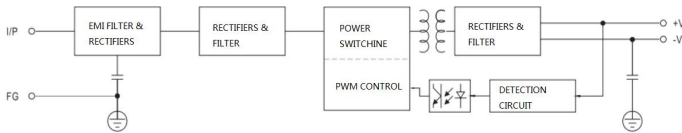
## Appearance



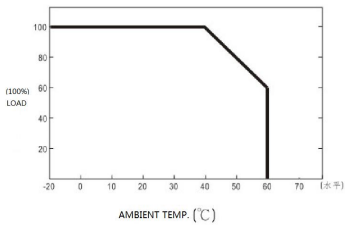
Definitionn the pin of the terminal

| Pin number | Pin function |
|------------|--------------|
| 1          | OUTPUT+      |
| 2          | OUTPUT+      |
| 3          | OUTPUT-      |
| 4          | OUTPUT-      |
| 1          | FG           |
| 2          | AC/N         |
| 3          | AC/L         |

## Frame diagram



## Derating curve



## Static Characteristics

