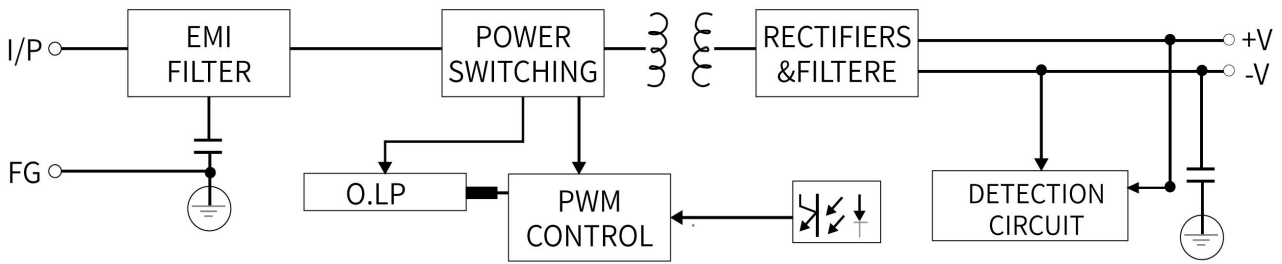


- Features:
- 100-240V AC input
- Single Output
- 90% high efficiency
- 100% full load bur-in test
- Protection: OTP, OLP, OVP, SCP
- Industrial automantion machinery use
- CE FCC Certified
- 3 year warranty

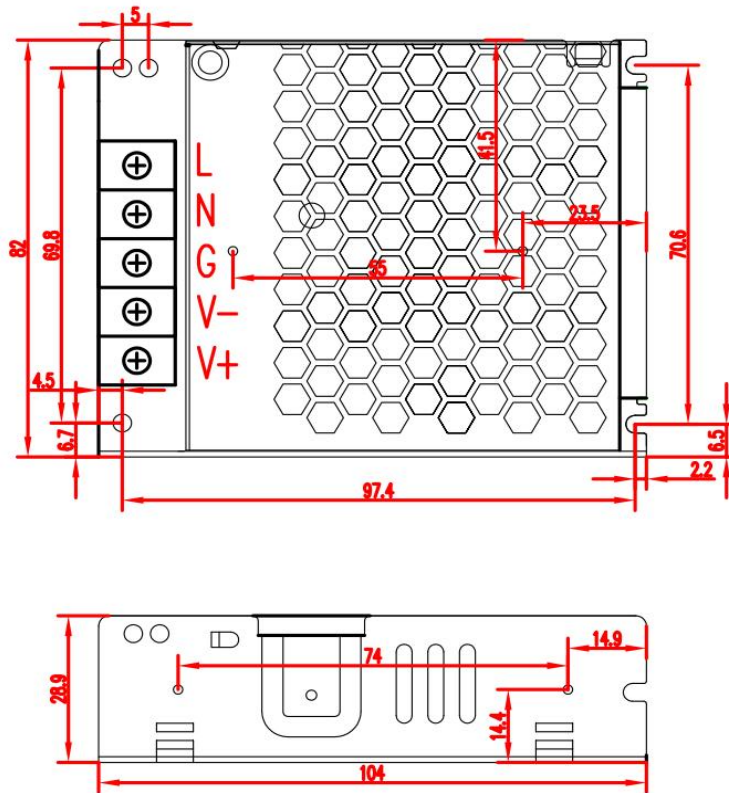
**Specifications**

| Product Code     |  | CPS-60-12  | CPS-60-24 |
|------------------|--|--|-----------|
| Output           | DC Voltage   | 12V  | 24V       |
|                  | Rated Current  | 5A   | 2,5A      |
|                  | Current Range  | 0~5A   | 0~2,5A    |
|                  | Voltage tolerance  | ±5%  | ±5%       |
|                  | Rated Power  | 60W  | 60W       |
|                  | Ripple & Noise   | <120mVp-p  | <240mVp-p |
|                  | Start up time  | <1500ms, 30ms / 230VAC   |           |
| Input            | Input voltage range  | 100-240 VAC  |           |
|                  | Frequency Range  | 50~60Hz  |           |
|                  | AC Current   | 1.02A / 115VAC; 0.5A / 230VAC  |           |
|                  | Efficiency   | 88%  | 90%       |
|                  | No load consumption  | <0.5W  |           |
| Protection       | Over Load  | Above 110%-150% of rated power   |           |
|                  |  | Shut-down output voltage, auto recovery after fault condition is removed |           |
|                  | Over Voltage   | Above Max. Voltage (105% of rated voltage)                               |           |
|                  |  | Shut-down output voltage, auto recovery after fault condition is removed |           |
| Over Temperature | Over 130°C detected on main IC control   |  |           |
|                  | Shut-down output voltage, auto recovery after fault condition is removed   |  |           |
| Ambiant          | Working Temp. & humidity   | "-20°C~+60°C, 20%~90%RH  |           |
|                  | Storage temp. & humidity   | "-40°C~+85°C, 10%~95%RH  |           |
| Tesings          | Withstand voltage  | I/P-O/P: 3KVAC/1min; I/P-F/G: 1.5KVAC/1min; O/P-F/G: 0.5KVAC/1min;       |           |
|                  | Safety   | GB4943 ;EN62608-1  |           |
|                  | EMC  | EN55032:2015/AC:2016<br>EN61000-3-3:2013<br>EN55024:2010+A1:2015         |           |
| Other            | Lifespan   | 20000hrs   |           |
|                  | Demension(L*W*H)   | 99*82*30mm (L*W*H)   |           |
|                  | Packing  | 0.22kg/pcs, 100pcs/22kg/CTN  |           |
| Note             | 1, The above mentioned data were measured at 230VAC input and 25°C.<br>2, Dis-connect the AC input before checking any mal-phenomenons.<br>3, Make sure the INPUT&OUPUT were in right situation before connected to power supply.<br>4, Datasheet for reference only. We suggest you take sampling before mass orders. |  |           |

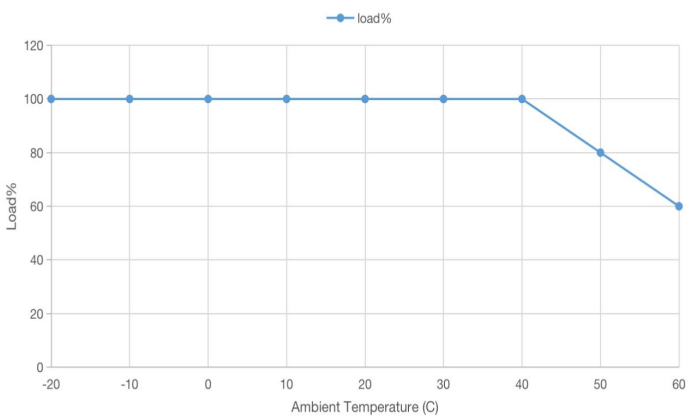
■Block Diagram



■Mechanical Specification



■Temperature Derating Curve



■Output Load VS Input Voltage

