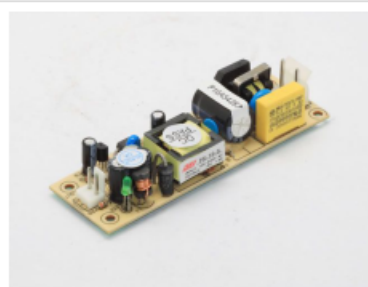
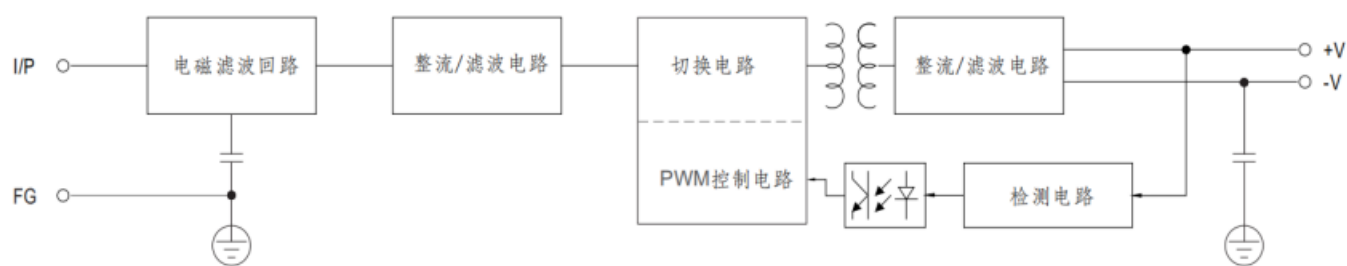


- High efficiency, long service life and high reliability
- output protection function: Over current/short circuit
- ultra wide operating temperature range -10 °C ~ 60 °C
- long service life electrolytic capacitor
- 100% full load ageing test
- no fan, quiet
- 3 years



| MODEL | | PS-10-5 | PS-10-12 | PS-10-24 |
|--------------|--|---|----------|----------|
| OUTPUT | DC Output | 5V | 12V | 24V |
| | Rated Current | 2A | 0.8A | 0.5A |
| | Current Range | 0~2A | 0~0.8A | 0~0.5A |
| | Ripple and Noise | 50mV | 120mV | 200mV |
| | Voltage ADJ. Range | ±10% of rated output voltage | | |
| | Voltage Accuracy | ±2.0% | ±2.0% | ±2.0% |
| | Line Regulation | ±1% | ±1% | ±1% |
| | Load Regulation | ±1% | ±1% | ±1% |
| | Set-up Time | < 1.5S (230VAC input), < 2.5S (115VAC input) | | |
| | Hold up Time | < 70ms/230VAC 15ms/115VAC | | |
| INPUT | Voltage Range | 88Vac~264Vac | | |
| | Frequency Range | 47Hz~63Hz | | |
| | Efficiency | 70% | 72% | 72% |
| | Inrush Current (Typical) | <30A@230VAC <20A@115VAC Cold start | | |
| PROTECTION | Over Load | 105%~135% of rated output current, hiccup mode, auto recovery | | |
| | Over power | 120%~130% of rated output current, hiccup mode, auto recovery | | |
| | Short Circuit | Long-term mode, auto recovery | | |
| ENVIRONMENT | Operating amb. Temp. & Hum. | -10°C~60°C; 25%~90%RH | | |
| | Storage Temp. & Hum. | -40°C~85°C; 10%~95%RH | | |
| SAFETY & EMC | Safety Standards | Reference GB4943/EN60950, UL62368-1, TUV EN62368-1 | | |
| | Withstand Voltage | input- output:3KVac; I/P-O/P:100M Ohms/500VDC 70%RH | | |
| OTHERS | MTBF (MIL-HDBK-217F) | More than 100,000Hrs (25°C, Full load) | | |
| | Dimension (L*W*H) | 100*32*20mm | | |
| | Packing | 100g/PCS | | |
| | Cooling method | Cooling by free air convection | | |
| NOTE | 1. All parameters NOT specially mentioned are measured at rated input, rated load and 25°C of ambient temperature. | | | |

Block diagram of internal mechanism



Declining curve:

