# PS-1207-10A

**Features:**

1. 120W Output Switching Power Supply
2. Output voltage & current: DC12V 10A
3. Input voltage range: 85~264VAC
4. Built in EMI filter with tiny ripple
5. 100% full load burn-in test
6. Air Cooling
7. Protection: Short circuit/ Overload/ Over voltage/ Over temperature
8. Built-in constant current limiting circuit (C.C.+C.V.mode)



## Specification:

| Model | | PS-1207-10A |
|---|---|---|
| Output | DC output Voltage | 12V±10% |
| | Output Current Range | 0-10A |
| | Wave and Noise | 120mVp-p |
| | DC output Power | 120W |
| | Efficiency | 85% |
| | DC Voltage Adjustable Scope | （at full load）≦0.5% |
| Input | Voltage Range | 85~264VAC 47-63Hz |
| | Input Current | 1.1A/115V, 0.55A/230V |
| | Leakage Current | <1mA/ 240VAC |
| | Inrush Current | Cold start 20A/120VAC, 40A/230VAC |
| Protection | Over-load | 105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed |
| | Over-voltage | 105%---150% Rated Voltage, Protection type: Shut off |
| | High-temperature | RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V) |
| Environment | Working temperature and humidity | -10°C~+50°C, 20~90%RH |
| | Store temperature and humidity | -20°C~+85°C, 10~95%RH |
| | Temperature coefficient | ±0.03%°C(0~50°C) |
| | Vibration | 10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES |
| Safety | Withstand voltage | I/P-O/P: 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 |
| Standard | CE EMC Standard | EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013 |
| | CE LVD Standard | EN61347-2-13:2014+A1:2017, EB61347-1:2015 |
| | ROHS Standard | IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc. |
| Other | Dimension | 199*98*42mm(L*W*H) |
| | Weight | 415g |
| | 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ 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. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure | |