

# ETP-PM100

## DC 12V 10A METAL SWITCHING POWER SUPPLY - 120W



### Product Description

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

Output	
DC output Voltage	12V±1%
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	0.54A/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 & humidity	-10°C~+50°C, 20~90%RH
Store temperature & 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
Other	
Dimension	200*100*43mm (L*W*H)
Weight	0.51kg

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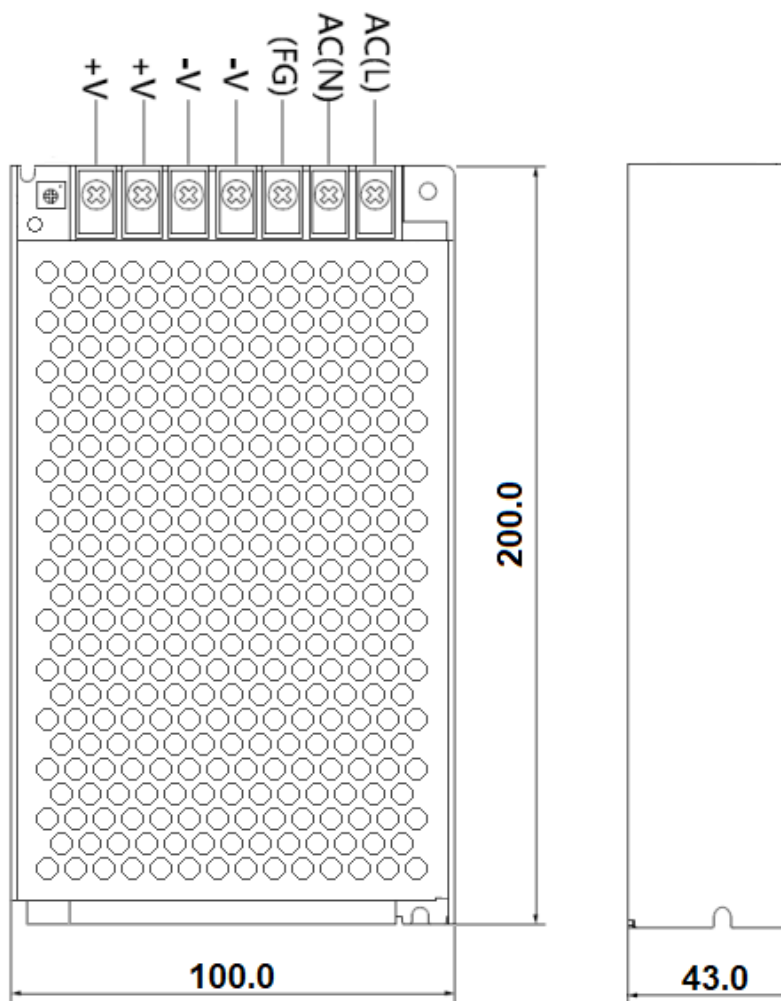
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## Standard

**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



## Note

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
3. Tolerance : includes set up tolerance, line regulation and load regulation.
4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure

