

Desk Top Power Supplies



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PSD20 Series

AC/DC Switching Power Supply up to 20 watts



Features

- Universal AC Input of 90-264VAC, 50/60Hz
- Output Short Circuit Protection
- 2 pin IEC320-C8 Connector
- Class 2 Insulation
- DC Output Connector 2.5 x 5.5 x 9.5mm, female plug, centre +ve
- Fully Sealed Plastic Case
- UL, cUL & TUV 9EN60950) Safety Approvals
- EMI meets FCC Class B and EN55022'B'

Electrical Specification

INPUT

Input Range	90 - 264 VAC
Frequency	47 - 63 Hz
Inrush Current	30A at 115Vac, 60A at 230Vac

OUTPUT

Output Voltage	see table
Efficiency	65% Normal at full load
Ripple	1% Peak to Peak

PROTECTION

Over Voltage Protection	Standard
Short Circuit Protection	Standard
Storage Temperature	-20° to 85°C
Operating Temperature	0 to +40°C
Safety Approvals	UL, cUL, TUV (EN60950) Approvals

Note:

Suffix XX denotes output connector fitted. -01 = 2.1 x 5.5 x 9.5mm Barrel Connector
-02 = 2.5 x 5.5 x 9.5mm Barrel Connector

Standard Stock items are -01 fitted with 2.1 x 5.5 x 9.5mm Barrel Connector, Centre Positive
For other connector options consult sales office.

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT
PSD20-033-XX	3.3V DC	4 A
PSD20-045-XX	4.5V DC	3.6 A
PSD20-050-XX	5V DC	3.4 A
PSD20-060-XX	6V DC	3 A
PSD20-075-XX	7.5V DC	2.5 A
PSD20-090-XX	9V DC	2.2 A
PSD20-120-XX	12V DC	1.7 A
PSD20-135-XX	13.5V DC	1.5 A
PSD20-150-XX	15V DC	1.3 A
PSD20-180-XX	18V DC	1.1 A
PSD20-240-XX	24V DC	0.8 A

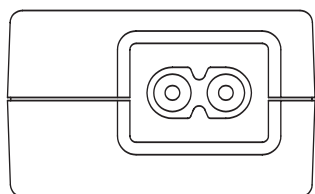
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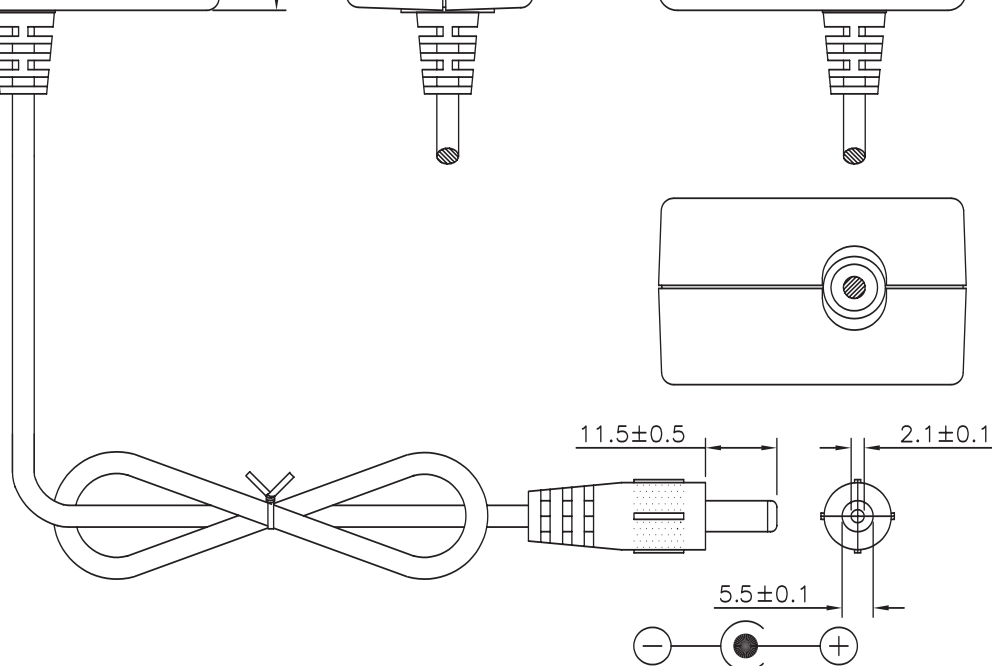
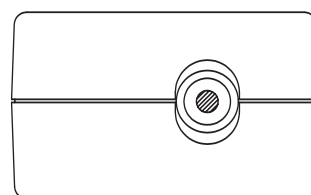
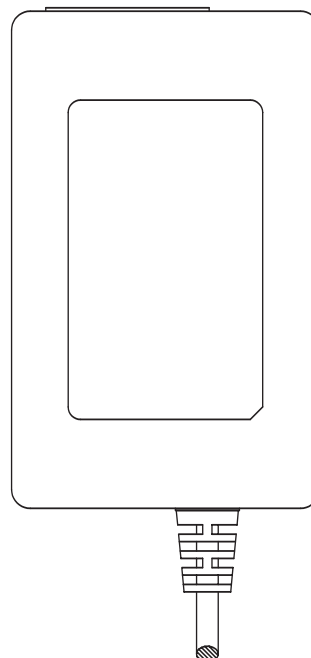
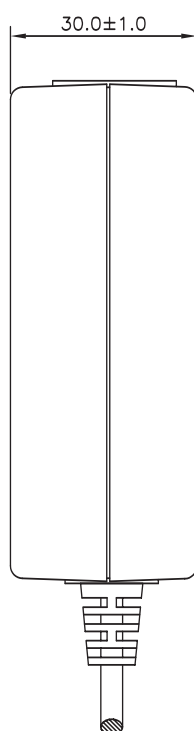
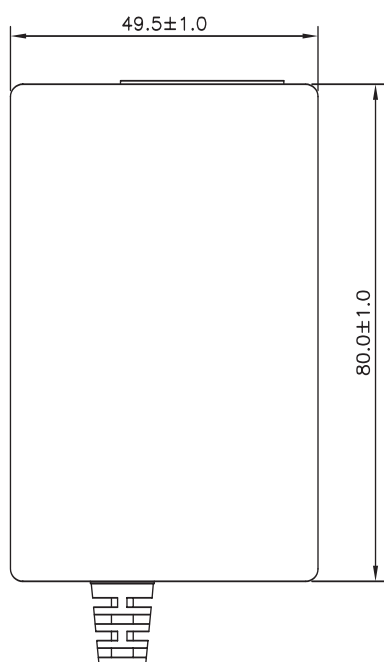
**POWER
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NOTES:

- 1.SCALE: 1/1
- 2.TOLERANCE: $\pm 1.0\text{mm}$
- 3.COLOR : BLACK
- 4.OUTPUT CORD : AWG#18/1C+1 1185
1830mm MIN.
- 5.UNIT : mm



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