

## ALL PSU DATA SHEET.

### 50 Watt **Medically Approved** Desk Top Series (Single Output)

- Approved To EN60601-1 (UL / IEC)
- Universal AC Input
- 2 or 3 Pole IEC Inlet,
- Low Leakage Current, Hi Isolation
- 2.1mm Output Connector
- 100% Burn In & Tested
- Protected For Short Circuit / Over Load / Voltage / Temperature.
- Approvals UL,CUL,TUV,CB,CE
- LED Power Indicator
- 2 Year Warranty



#### Specification.

Input Voltage	90~264 VAC, 47~63 Hz
Inrush Current	Full Load/Cold Start, Peak <35 A @ 230 VAC, Max Values.
Output Voltage	See Table Below
Ripple & Noise (p-p)	See Table
Operating Temperature	0~40°C @ Full Load, Derates to 50% @ 65°C
Withstand Voltage	I/P-O/P : 5656 VDC,
Leakage Current	0.3 mA @ 230 Volts AC Input
Safety Standards	UL2601-1, TUV EN60601-1, IEC-601-1
EMC Standards	EN55022 Class B, EN61000-4-2,3,4,5,6,8,11 EN60601-1-2, ENV50204
Dimensions	147 x 76 x 43 mm
AC Input, 2 Options	2 Pole C14 (class II) or 3 Pole C6 (class I)
Output Lead (9 Volt Output & Above)	1.8 Metre Lead
Output Lead (3.3, 5 & 7.5 Volt Outputs)	1.2 Metre Lead
Output Plug (standard)	2.1 x 5.5 x 11mm, positive Centre bore.

Model	Output	Tolerance	Ripple & Noise
MES50(A)-0R1J	3.3V / 8.0A	5%	50mV
MES50(A)-1R1J	5.0V / 7.5A	5%	50mV
MES50(A)-1-1R1J	7.5V / 5.33A	4%	60mV
MES50(A)-2P1J	9.0V / 5.0A	3%	80mV
MES50(A)-3P1J	12V / 4.16A	3%	100 mV
MES50(A)-4P1J	15V / 3.33A	3%	120 mV
MES50(A)-5P1J	18V / 2.77A	3%	120 mV
MES50(A)-6P1J	24V / 2.08A	2%	150 mV
MES50(A)-7P1J	28V / 1.78A	2%	150mV
MES50(A)-8P1J	48V / 1.04A	2%	200 mV

(Type "A" models listed above with 3 pole IEC 320-C14 AC inlet)

*Many Other Medically Approved Power Supplies Are Available From 5 to 1000 Watts.  
Please See Details On Our Web Site At [www.allpsu.co.uk](http://www.allpsu.co.uk)*

For full specification and mechanical drawing please contact ALL PSU sales office.  
Specifications are subject to change without notice, E&OE. ALL PSU Terms & Conditions Apply.

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