

**120 Watt Medically Approved, MPx-120 Series  
(Multi Output Models)**

- \* Universal AC Input
- \* 100% Full Load Burn In
- \* Full Approvals UL, CUL, TUV, CB, CE
- \* **Medical Approval UL/EN 601-1**
- \* Standard Footprint With Low Profile
- \* 3 Years Warranty
- \* Short Circuit Protection
- \* Over Voltage Protection
- \* Over Load Protection
- \* 80 Watts Free Air Convection
- \* 120Watts with 25CFM forced air



178 x 108 x 35mm

**Specification.**

Universal Input	90~264 VAC, 47~63Hz / 127~370VDC
Output Voltage	See Table Below, Plus Adjustment +10%/-5% Output 1
Over Load Protection	120~160 %, hiccup mode, auto-recovery
Over Voltage Protection	CH1: 115~140% rated Output Voltage
Set Up, Rise, Hold Up Time	500ms, 20ms, 50mS @ Full Load & 230VAC
Withstand Voltage	I/P-O/P : 4KVAC, I/P-FG : 1.5KVAC, 1 Min
Leakage Current	Less Than 150uA at 264 VAC
Operating Temperature	-20~+70°C, Refer to Derating Curve
Storage Temperature	-20~+85°C
Safety Standard	<b>UL2601-1, TUV EN60601-1, IEC601-1</b>
EMC Standard	EN55011/EN55022 Class B, EN61000-4-2,3,4,5,6,8,11, EN61000-3-2,3, EN60601-1-2, ENV50204

For Single Output Versions Please See MPS-120 Data Or Contact Sales Office.

**Dual Output Models** (Please Scroll Down For Triple & Quad Outputs)

Model	Output Voltage	Output Current	Ripple/Noise	Efficiency	Max Power
MPD-120A	5 V	2.0 ~ 12 A	80mV	75%	110 Watts
	12 V	0.5 ~ 6.5 A	120 mV		
MPD-120B	5 V	2.0 ~ 12 A	80mV	77%	120 Watts
	24 V	0.3 ~ 3.5 A	250 mV		

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*Other Medically Approved Power Supplies Are Available From 5 To 1000 Watts.  
Please See ALL PSU Web Site at [www.allpsu.co.uk](http://www.allpsu.co.uk) For Details.*

ALL PSU Ltd, Unit D6 Laser Quay, Culpeper Close, Medway City Estate,  
Rochester, Kent, ME2 4HU, Tel : 01634 725527, Fax : 01634 739111  
Email : [sales@allpsu.co.uk](mailto:sales@allpsu.co.uk), Web : [www.allpsu.co.uk](http://www.allpsu.co.uk)

## ALL PSU DATA SHEET.

Cont...120 Watt **Medically Approved**, MPx-120 Series.

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**Triple Output Models** ( Please Scroll Down For Quad Output Versions )

Model	Output Voltage	Output Current	Ripple/Noise	Efficiency	Max Power
MPT-120A	5 V	2.0 ~ 12 A	80 mV	72%	111 Watts
	12 V	0.4 ~ 5.8 A	120 mV		
	- 5 V	0.0 ~ 1.0 A	80 mV		
MPT-120B	5 V	2.0 ~ 12 A	80 mV	73%	110 Watts
	12 V	0.4 ~ 5.3 A	120 mV		
	- 12 V	0.0 ~ 1.0 A	80 mV		
MPT-120C	5 V	2.0 ~ 12 A	80 mV	72 %	119 Watts
	15 V	0.4 ~ 4.8 A	150 mV		
	- 15 V	0.0 ~ 1.0 A	80 mV		
MPT-120D	5 V	2.0 ~ 12 A	80 mV	74%	110 Watts
	24 V	0.4 ~ 2.7 A	300 mV		
	12 V	0.0 ~ 1.0 A	120 mV		

**Quad Output Models** ( Please See Above For Dual And Triple Output Models ).

Model	Output Voltage	Output Current	Ripple/Noise	Efficiency	Max Power
MPQ-120B	5 V	2.0 ~ 12 A	80 mV	71 %	111 Watts
	12 V	0.5 ~ 5.0 A	120 mV		
	- 5 V	0.0 ~ 1.0 A	80 mV		
	- 12 V	0.0 ~ 1.0 A	80 mV		
MPQ-120C	5 V	2.0 ~ 12 A	80 mV	71 %	110 Watts
	15 V	0.5 ~ 3.8 A	150 mV		
	- 5 V	0.0 ~ 1.0 A	80 mV		
	- 15 V	0.0 ~ 1.0 A	80 mV		
MPQ-120D	5 V	2.0 ~ 12 A	80 mV	74 %	120 Watts
	12 V	0.2 ~ 2.0 A	150 mV		
	24 V	0.3 ~ 2.5 A	300 mV		
	- 12 V	0.0 ~ 1.0 A	80 mV		
MPQ-120E	5 V	2.0 ~ 12 A	80 mV	73 %	110 Watts
	12 V	0.5 ~ 3.6 A	120 mV		
	15 V	0.0 ~ 1.0 A	80 mV		
	24 V	0.0 ~ 1.0 A	80 mV		

For full specification, mechanical and connection details please contact ALL PSU sales office.  
Specifications may change without notice, E&OE. ALL PSU Terms & Conditions Apply.

*Please Visit Us At [www.allpsu.co.uk](http://www.allpsu.co.uk) For Our Full Product Range.  
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