

**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	UL2601-1, TUV EN60601-1, IEC601-1
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		

Continued on next page...

*Other Medically Approved Power Supplies Are Available From 5 To 1000 Watts.
Please See ALL PSU Web Site at 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, Web : www.allpsu.co.uk

ALL PSU DATA SHEET.

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

Page 2 of 2

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 For Our Full Product Range.
Other Medically Approved Units Are Available From 5 To 1000 Watts*

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, Web : www.allpsu.co.uk