



Medical Power Supplies - External 12-100W Series

Elpac external medical grade power supplies have all necessary agency certifications (e.g. UL 60-1) and are available in OEM quantities at OEM pricing fast, as part of our exclusive Fast Track program.



- Universal AC Inputs, 90-264
- Single Output
- Worldwide Medical Certifications

Model Numbers:

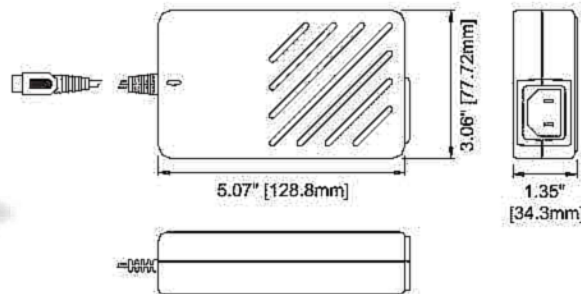
Model	Volts	Input AC	Power	Power Supply Type	PFC	CEC	RoHS	Class	
MW12	12,24	100-240	12W	Switching Regulated	No	No	No	II	
MW24	12,15,18,24	100-240	24W	Switching Regulated	No	No	No	I	

MW40	9,12,15,18,24	100-240	40W	Switching Regulated	No	No	Yes	I	
MW65	9,12,15,24	100-240	65W	Switching Regulated	No	No	Yes	I	
MWP90	12,15,18,24	90-264	90W	Switching Regulated	Yes	No	No		
MWA100	12,15,18,24	100-240	100W	Switching Regulated	No	Yes	Yes	I	
MWB100	12,15,18,24	100-240	100W	Switching Regulated	No	Yes	Yes	II	
MWC100	12,15,18,24	100-240	100W	Switching Regulated	Yes	Yes	Yes	I	

MWB 100 Series

100 Watt Medical Grade Power Supply (Class II)

- Wide Range AC Input
- Fully Regulated DC Output
- High Efficiency
- Output Floating
- Medical Grade Approval
- RoHS Compliant
- 5 Year Warranty
- Class II



SPECIFICATIONS

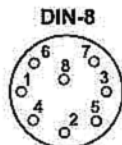
INPUT

Voltage	100 - 240 VAC		
Current	3.0 Amp @ 100 VAC		
Frequency	50 - 60 Hz		
Max. Earth	Test Voltage	Normal	Single
Leakage current	132 VAC 60 Hz	80 uA	160 uA
	264 VAC 60 Hz	100 uA	200 uA
Input connector	2-pin IEC 320 input receptacle		

OUTPUT

Total regulation	< +/- 5%
Set point accuracy	< +/- 3% at 60% load
Hold up time	>20 ms min at full load, 115 VAC
Over voltage protection	Built-in
Over current protection	Built-in
Short circuit protection	Pulsing mode, auto recovery
Ripple/noise (Vp-p)	<1% (20 MHz bandwidth)
Output connector	DIN-8
Output cable length	(15/18/24V) = 6ft (+4"/-0") (12V) = 4ft (+4"/-0")

PINOUT	1	2	3	4	5	6	7	8
DIN-8	V1	V1	Com	V1	Com	V1	Com	Com



ENVIRONMENTAL

Operating temperature	0° C to 40° C
Storage temperature	-40° C to 85° C
Weight	1.1 lbs

SAFETY

cTUVus
UL 60601-1
CSA C22.2 No.601.1-M90
CB per IEC 60601-1
CE marked to LVD
Class II

EMI/EMC

Emissions	CISPR11 and FCC Part 15, Class B EN61000-3-2, -3
Immunity	EN61000-4-2, -3, -4, -5, -6, -8, -11

Model No.	Volt	Power	Current	Eff@115VAC(Typ)
MWB100012A-12A	12V	100W	8.3A	86%
MWB100015A-12A	15V	100W	6.7A	88%
MWB100018A-12A	18V	100W	5.6A	89%
MWB100024A-12A	24V	100W	4.2A	90%