



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:

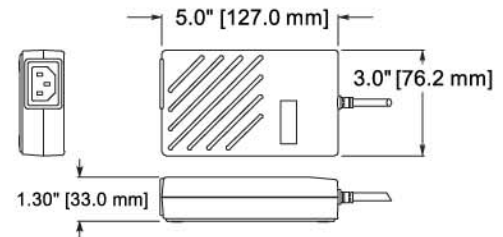
Model	Volts	Input AC	Power	Power Supply Type	PFC	CEC	RoHS	Class	
MW12	12,24	100-240	12W	Switching Regulated	No	No	No	II	
MW24	12,15,18,24	100-240	24W	Switching Regulated	No	No	No	I	

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	

MW 40 Series

40 Watt Medical Grade Power Supply

- Wide Range AC Input
- Fully Regulated DC Output
- High Efficiency
- Output Floating
- Medical Grade Approval
- Also Available in White
- RoHS Compliant
- 5 Year Warranty



SPECIFICATIONS

INPUT

Voltage	100 - 240 VAC		
Current	1.0 Amp @ 115 VAC		
Frequency	47 - 63 Hz		
Max. Earth	Test Voltage	Normal	Single
Leakage current	132 VAC 60 Hz	50 uA	80 uA
	264 VAC 60 Hz	75 uA	135 uA
Input connector	3-pin IEC 320 input receptacle		

OUTPUT

Total regulation	< +/- 5%
Set point accuracy	< +/- 3% at 60% load
Hold up time	>16 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	Barrel type (5.5 x 2.5 x 9.5 mm)

POLARITY



ENVIRONMENTAL

Operating temperature	0° C to 40° C
Storage temperature	-40° C to 85° C
Weight	0.8 lbs

SAFETY

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

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)
MW4009-760F-NC-BK	9V	40W	4.4A	82%
MW4012-760F-NC-BK	12V	40W	3.3A	85%
MW4015-760F-NC-BK	15V	40W	2.7A	86%
MW4018-760F-NC-BK	18V	40W	2.2A	86%
MW4024-760F-NC-BK	24V	40W	1.67A	88%