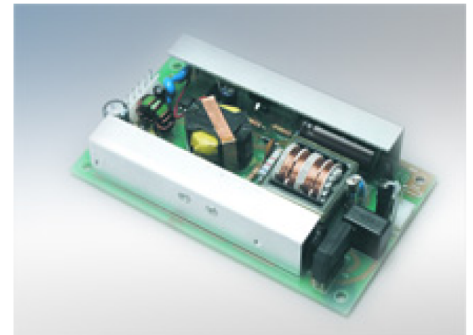




Medical Power Supplies - Open Frame 7-250W Series

Elpac open frame medical grade power supplies are preferred by customers who want to incorporate the AC/DC power supply into their system, delivering a complete, compact package.



- Universal AC Inputs, 85-264
- Single, Dual, and Triple Outputs
- Medical agency requirements including UL2601-1 and EN60601-1

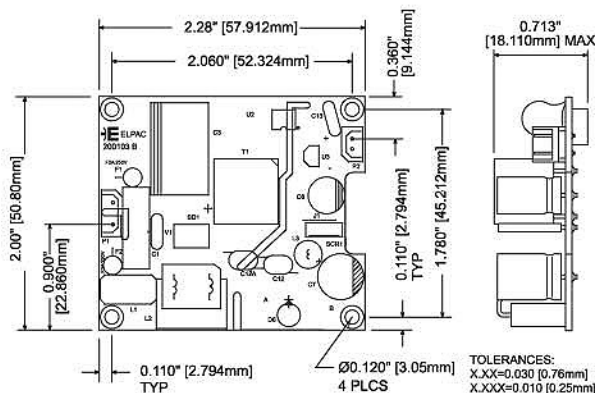
Model Numbers:

Model	Volts	Input AC	Power	Power Supply Type	PFC	CEC	RoHS	Class	
MSM07	5,12,15,24,28	100-240	7W	Switching Regulated	No	No	No	II	
MSM20	12,15,24	100-240	20W	Switching Regulated	No	No	No	I	
MSM28	12,15,28	100-240	28W	Switching Regulated	No	No	No		

MSM 07 Series

7 Watt Medical Grade Power Supply

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



SPECIFICATIONS

INPUT

Voltage	100 - 240 VAC		
Current	1.1 Amp @ 100 VAC		
Frequency	50 - 60 Hz		
Max. Earth Leakage current	Test Voltage	Normal	Single
	132 VAC 60 Hz	32 uA	50 uA
	264 VAC 50 Hz	55 uA	85 uA

OUTPUT

Total regulation	< +/- 5%		
Set point accuracy	< +/- 3% at 60% load		
Hold up time	15 ms min at full load, 115 VAC		
Transient response	2 ms for 50% to 100% load change		
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)		

PINOUT	1	2	3
Input P1	AC Neutral	-	AC Line
Output P2	V1	Com	N/A

Input and Output Connections

Input connector = Molex p/n 22-43-8030
 Input mating connector = Molex p/n 50-37-5033 or equivalent
 Input mating connector contacts = Molex p/n 08-70-1040 or equivalent
 Output connector = Molex p/n 22-43-8020
 Output mating connector = Molex p/n 50-37-5023 or equivalent
 Output mating connector contacts = Molex p/n 08-70-1040 or equivalent

ENVIRONMENTAL

Operating temperature	0° C to 50° C
Storage temperature	-55° C to 85° C
Weight	0.10 lbs

SAFETY

cRUus
 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)
MSM0705	5.1V	7W	1.4A	77%
MSM0712	12V	7W	0.6A	77%
MSM0715	15V	7W	0.5A	77%
MSM0724	24V	7W	0.3A	77%
MSM0728	28V	7W	0.3A	77%