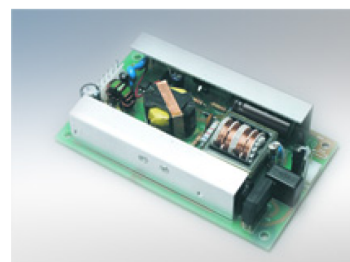


Medical Power Supplies - Open Frame 7-250W Series

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:

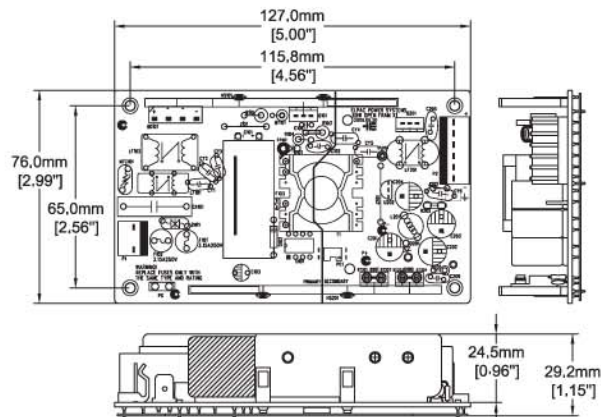
Model	Volts	Input AC	Power	Power Supply Type	PFC	CEC	RoHS	Class	
MSM07	5,12,15,24,28	100-240	7W	Switching Regulated	No	No	No	II	
MSM20	12,15,24	100-240	20W	Switching Regulated	No	No	No	I	
MSM28	12,15,28	100-240	28W	Switching Regulated	No	No	No		

MSM40	12,15,18,24	90-264	40W	Switching	No	No	No		
				Regulated					
MSM40 – A/B/D (Triple Output)	5, 12, -12	85-264	40W	Switching	No	No	No	I	
	5, 15, -15			Regulated					
	5, 24, -12								
MS40	9,12,15,18,24	85-264	40W	Switching	No	No	Yes	I	
				Regulated					
MTA40	9,12,15,24	85-264	40W	Switching	No	No	Yes	I	
				Regulated					
MSM60	12,24	100-240	60W	Switching	No	No	No		
				Regulated					
MSM65	12,15,24	100-240	65W	Switching	No	No	No	I	
				Regulated					
MS65	9,12,15,24	85-264	65W	Switching	No	No	Yes		
				Regulated					
MTA65	9,12,15,24	85-264	65W	Switching	No	No	Yes	I	
				Regulated					

MS 65 Series

65 Watt Medical Grade Power Supply

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



SPECIFICATIONS

INPUT

Voltage	85 - 264 VAC		
Current	2.0 Amp @ 100 VAC		
Frequency	50 - 60 Hz		
Max. Earth Leakage current	Test Voltage	Normal	Single
	132 VAC 60 Hz	55 uA	90 uA
	264 VAC 60 Hz	80 uA	155 uA

OUTPUT

Total regulation	< +/- 5%		
Set point accuracy	< +/- 3% at 60% load		
Hold up time	>12 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)		

PINOUT

	1	2	3	4	5	6
Input P1	AC Line	-	AC Neut	N/A	NA	N/A
Output P2	V1	V1	V1	Com	Com	Com

Input and Output Connections

Input connector (P1) = AMP p/n 640445-3 or equivalent
 Input mating connector = AMP p/n 640250-3 or equivalent
 Output connector (P2) = AMP p/n 640445-6 or equivalent
 Output mating connector = AMP p/n 640250-6 or equivalent
 Mating connector contacts = AMP p/n 770476-* or equivalent

ENVIRONMENTAL

Operating temperature	0° C to 50° C
Storage temperature	-40° C to 85° C
Weight	0.45 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)
MS6509F	9V	65W	6.3A	83%
MS6512F	12V	65W	5.4A	85%
MS6515F	15V	65W	4.3A	86%
MS6524F	24V	65W	2.7A	87%