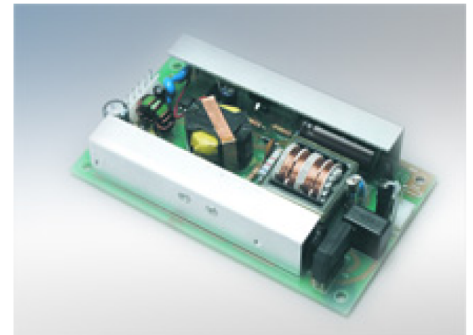




Medical Power Supplies - Open Frame 7-250W Series

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:

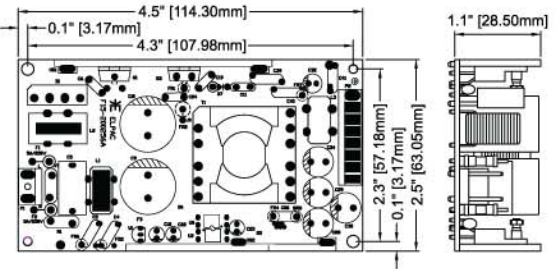
Model	Volts	Input AC	Power	Power Supply Type	PFC	CEC	RoHS	Class	
MSM07	5,12,15,24,28	100-240	7W	Switching Regulated	No	No	No	II	
MSM20	12,15,24	100-240	20W	Switching Regulated	No	No	No	I	
MSM28	12,15,28	100-240	28W	Switching Regulated	No	No	No		

MSM75	12,15,24,28	90-264	75W	Switching Regulated	No	No	No		
MSM80	9,12,15,24	85-264	80W	Switching Regulated	No	No	Yes	I	
MVA100	12,15,18,24	100-240	100W	Switching Regulated	No	No	Yes	I	
MSMP115	12,15,24,28	85-264	115W	Switching Regulated	Yes	No	Yes		
MSMP150F	12,15,24,28,48	100-240	150W	Switching Regulated	Yes	No	Yes	I	
MSMP250F	12,15,24,28,48	100-240	250W	Switching Regulated	Yes	No	Yes	I	

MVA 100 Series

100 Watt Medical Grade Power Supply

- Wide Range AC Input
- Fully Regulated DC Output
- High Efficiency
- Output Floating
- Medical Grade Approval
- Dimensions Meet 1U Applications
- RoHS Compliant
- 5 Year Warranty



SPECIFICATIONS

INPUT

Voltage	100 - 240 VAC		
Current	3.0 Amp @ 100 VAC		
Frequency	50 - 60 Hz		
Max. Earth Leakage current	Test Voltage	Normal	Single
	132 VAC 60 Hz	80 uA	160 uA
	264 VAC 60 Hz	100 uA	200 uA

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)

PINOUT	1	2	3	4	5	6	7	8
Input P1	AC Line	-	AC Neut	N/A	N/A	N/A	N/A	N/A
Output P2	V1	V1	V1	V1	COM	COM	COM	COM

ENVIRONMENTAL

Operating temperature	0° C to 40° C
Storage temperature	-40° C to 85° C
Weight	0.50 lbs

SAFETY

cTUVus
 UL 60601-1
 CSA C22.2 No.60601.1-M90
 CB per IEC 60601-1
 CE marked to LVD

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.	Voltage	Power	Current	Eff @ 115VAC (Typ)
MVA100012A	12V	100W	8.3A	90%
MVA100015A	15V	100W	6.7A	90%
MVA100018A	18V	100W	5.6A	91%
MVA100024A	24V	100W	4.2A	91%

Input and Output Connections

Input connector (P1) = AMP p/n 640445-3 or equivalent
 Output connector (P2) = AMP p/n 640445-8 or equivalent

