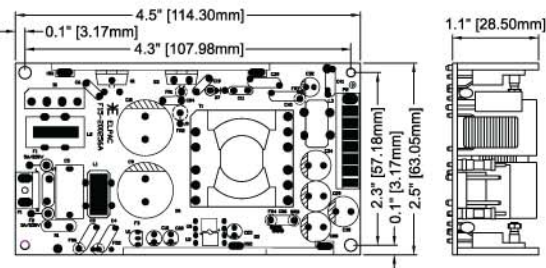


MVA 100 Series

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)		

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

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

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

