



**International
Components
Corporation**

TM

MWA 150 Series

Elpac Power Systems

150-Watt Medical Switch Mode Power Supply

→E Elpac Power Systems
Higher Efficiency, Higher Power Density, Uncompromised Reliability



PRODUCT OVERVIEW

The MWA150 series is an external, switch mode power supply that offers an industry leading 5.5 watts per cubic inch power density and converter efficiencies between 90% and 94%. This unit is smaller than many lower power units of this type and meets Energy Star Level V efficiency standards. This very high efficiency results in lower internal heat dissipation leading to twice the lifetime expectation and lower operating costs. Designing in an Elpac Power System guarantees a highly efficient, highly reliable product.

SPECS

Available Outputs:

12.0V @ 12.5A
15.0V @ 10.0A
18.0V @ 8.3A
24.0V @ 6.3A

Size:

191.98 x 62.16 x 38.65mm (7.56 x 2.45 x 1.52 inches)

Universal AC Input:

85 – 264 VAC

Weight:

1.55 lbs (0.70 kg)

Emissions:

FCC class B; CISPR11 class B; EN61000-3-2, -3

Safety Standards:

cTUVus, UL 60601-1, CAN/CSA-22.2 No.601.1-M90,
CB per IEC606001-1, CE marked to LVD

Input Connector:

IEC 320 C14 Receptacle

Output Connector:

Switchcraft DIN-8

TARGETED APPLICATIONS

- LCD Monitors
- Oxygen Concentrators
- Defibrillators
- General medical electromechanical applications requiring high peak power

FEATURES / BENEFITS

- Leading edge converter efficiency of up to 94% at 230 VAC (input to output).
- Up to 30% lower internal power dissipation than leading competitors.
- Lower internal temperature rise resulting in up to twice the lifetime expectation compared to other designs with a similar power density.
- Long hold-up time for reliable operation of systems without batteries or with depleted batteries.
- Full rated continuous and peak power available at all output voltages and over the entire input voltage and frequency range.
- 120% peak power available for up to 500ms.
- High power density in a sealed enclosure without fan.
- Fast start-up, also at low input voltages.
- Low inrush current.
- Low output noise.

PRICING

OEM Pricing (1000+ pcs) starts at US \$61.96

5-YEAR LIMITED WARRANTY

visit www.iccus.com for complete details.