



**International
Components
Corporation**

TM

New Product Announcement

Elpac Power Systems 150-Watt Medical External Power Supply Featuring Maximum Power and Performance

International Components Corporation (ICC), an established global leader in designing and manufacturing portable rechargeable systems, has released a compact 150-watt AC/DC external power supply for medical applications. Marketed under the Elpac Power Systems brand, the MWA150 series features best in class performance at 5.5 watts per cubic inch power density and converter efficiencies between 90% and 94%. This very high efficiency reduces component temperature which results in a lifetime expectation of more than 5 years at maximum load.

The MWA150 features a hold-up time of more than 25ms at full load and minimum input voltage. Unlike many other products in this category the MWA150 will ride through full cycle line voltage dropouts without depending on a charged back-up battery in the end system.

Expanding upon the success of the MWA100 series, the MWA150 is in a power range suited for high reliability medical device designs that demand power beyond the 100 watt range and require compliance with stringent, global medical safety standards. With a 180 watt peak rating available under all conditions, this high performance series is especially well suited for electromechanical applications.

The power supply has a universal AC input (85 – 264 VAC) with active PFC to meet EN61000-3-2, -3 and a single output of 12, 15, 18, or 24 VDC. It is offered in a compact frame of 191.98 x 62.16 x 38.65mm (7.56 x 2.45 x 1.52 inches). This unit also offers over-temperature, over-voltage, and over-current protection as standard features and features very low output noise to accommodate noise-sensitive applications. All backed by our industry-leading 5-year limited warranty.

The MWA150 series features an Energy Star Level V efficiency rating with more than 90% efficiency in active mode and a no load power consumption of less than 0.4W meeting Energy Star efficiency standards for years to come. This series also meets CE, EN, and IEC standards and can be designed to meet non-standard output voltage and connectivity requirements. ICC can also design a 100 percent custom solution to meet specific OEM requirements and private label markings.

The MWA150 is competitively priced at \$61.96 in OEM quantities of 1,000 and models are available to ship today. Our full warranty policy and datasheets with complete technical specifications for the MWA150 and MWA100 series can be found 24/7 by clicking [here](#).

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

