

# Optimized Power Systems Manufacturing

**N2Power** leads the industry in optimized power systems manufacturing (OPSM). Our core competencies in both power and mechanical design allow us to offer complete custom power solutions to OEMs that reduce corresponding BOM entries to a single line item. The OEM will not need to purchase mounting brackets, nuts, bolts, stand-offs, screws, cables, connectors, external fans, or any other accessories. We deliver everything needed, resulting in:

- Simplified purchasing
- Simplified BOMs
- Reduced inventory items
- Smoother and faster order fulfillment
- Improved cash flow
- Lower cost of ownership (LCO)
- No concerns about parts obsolescence

**N2Power** has been a leading designer and manufacturer of very high efficiency, ultrasmall, power dense power supplies for more than 20 years. We offer numerous power solutions for a variety of products in the ITE, broadcast, industrial, kiosk, medical, gaming, lighting, and test equipment markets.

## Advantages of N2Power Technology

- All our power supply models are available with a variety of mounting options: openframe, u-frame, enclosed, redundant, and customized configurations.
- Our patented technology delivers exceptional power density. Using state-of-the-art packaging techniques, our PSUs are extremely small in volumetric size but yield power densities over 24 watts/cubic inch.
- Green by design—up to 94% efficiency.
- High efficiency means less energy loss from heat dissipation, yielding longer MTBFs, reduced need for fan cooling, and lower cooling costs.
- Some of our supplies include active current sharing and an OR-ing diode for redundancy.
- N2Power offers technical documentation and mechanical drawings for all our products—making it easier for our customers to use them.
- Our implementation of the OPSM method makes N2Power the best choice for OEMs.
- FREE SAMPLES available with freight paid by requester.

If your company is an OEM and you would like more information about how we can bring you these advantages, please contact us:



1267 Flynn Road | Camarillo, California 93012

(805) 583-7744

N2Power.com



## Ultrasmall High Efficiency Power Supplies

Custom & Standard Solutions

# Information Technology Series

## Ultrasmall Power Supplies



XL40/XL65 (open frame)



XL40/XL65 (U-frame)



XL40/XL65 (enclosed)



XL100 (open frame)



XL100 (U-frame)



XL100 (enclosed)



XR125



XR160 (open frame)



ATX Series



XL270



XL275 (U-frame)



XL275 DC/DC



XL280



XL330



XL375



XLM240 (open frame)



XLM240 (U-frame)



XLM240 (enclosed)



XLM500 (open frame)



XLM500 (U-frame)



XLM500 (enclosed)

Depending on your needs,  
all of our Power Supplies  
are available in different  
chassis configurations:

- Open-Frame
- U-Frame
- Hot-Swap
- Enclosed
- Custom



Contact your sales  
representative for more information.

N2Power provides some of the highest efficiency and most power-dense supplies on the market. Our products enable our customers in the communications industry—including the server, storage, networking, telecommunications, and broadcast sectors—to meet their power requirements for standard and custom information technology equipment (ITE) solutions.

The ITE series of power supplies was among the first 1U designs, which helped pave the way for reducing the space used by rack-mounted communications equipment and blade server applications.

They are offered in footprints ranging from as little as 2"x3" up to 3"x5.3", power from 40 watts to 500 watts, and various output configurations.



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# Medical Series

## AC/DC Power Supplies

### Certified for use in Medical Equipment



ML100 (Open Frame, U-Frame, and Enclosed models)



XLM240 (Open Frame, U-Frame, and Enclosed models)



XLM500 (Open Frame, U-Frame, and Enclosed models)



Our medical line helped introduce compact, energy efficient power supplies for a variety of medical applications. All of our medical power supplies can be used in BF (body floating) applications with an isolation voltage from output to ground of 1500VAC.

Most customers elect to use standard, commercially available medical power supplies or seek the help of a specialist power supply company like N2Power to create a customized unit. Using power supplies that have already met the EN 60601-1 and 2xMOPP safety standard helps medical device and system manufacturers speed up compliance testing for their own products.