

100 Watt AC-DC Power Supply

MDT Staff



Power Sources Unlimited, Inc. announces the NXT-100 series of ultra small AC-DC power supplies with extended temperature range that achieves unit start-up down to -40°C (-WT models).

The NXT-100 series features high power density of $8.9\text{W}/\text{inch}^3$ and universal 85–264VAC input in a 1U high chassis. Eight models provide adjustable, single outputs from 2.5VDC to 48VDC. Efficiency is 85% typical, line and load regulation are 0.5%, and operating temperatures are up to $+70^{\circ}\text{C}$ with airflow. Comprehensive protection circuitry is inherent in the NXT-100 advanced SMT design.

Available options are remote inhibit/enable, cover and chassis, and single wire load sharing, load sharing evaluation boards are also available. Worldwide safety compliance to both EN60101-1 3rd edition (medical) and EN60950-1 (ITE) standards, RoHS compliance, a 2 year warranty and a high MTBF make the NXT-100 series ideal for numerous applications.

Single output models priced at \$84 each in OEM quantities. Lead time for production is 8 weeks, prototype quantities available in a week.

PSUI is the ISO 9001:2008 North America Authorized Distributor for Integrated Power Designs.

For more information, visit www.psui.com/integrated-power/nxt-100.htm [1].

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[1] <http://www.psui.com/integrated-power/nxt-100.htm>