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N2POWER ANNOUNCES 275 WATT DC-DC POWER SUPPLY FAMILY

10 Models for the OEM Market

SIMI VALLEY, Calif., August 5, 2010 — N2Power, a Qualstar Company (NASDAQ: QBAK), today announced its latest family of DC-DC power supplies. The XL275DC Series is specifically designed for OEM applications where very small size, high efficiency and reliability are critical.

These new XL275DC power supplies compliment the AC versions of the same family that are particularly popular with telecom systems manufacturers.

Up to 90% power efficiency is achieved utilizing N2Power's unique "green" packaging technology. These unique designs leave the heat in the load, not in the power supply, reducing power consumption, improving reliability and lowering cost of ownership. The XL275DC Series delivers more power in less space, while reducing wasted input power and lowering cooling requirements.

"Our OEM customers requested DC input versions of the successful AC designs that they have been purchasing," said Randy Johnson, Vice President and General Manager of N2Power. "They want to receive the same advantages of small footprint, power efficiency, value and quality that they gained buying our AC power supplies in their DC requirements."

The XL275DC Series offers designers an extensive range of capabilities. Ten dual-output models deliver options from 12 volts to 56 volts. OR-ing diodes for N and N+1 current sharing operation and an I²C PMBus interface for digital power management are among the features that make the XL275DC the market leading design. N2Power supplies meet a full range of international agency requirements, including RoHS, UL, CE Mark and FCC Class B.

N2Power's products are sold worldwide through its network of representatives and distributors. Sample units are available. Call 805-583-7744 or visit www.n2power.com for further information.

About Qualstar Corporation

Qualstar manufactures automated tape libraries and power supplies. Its products are known throughout the world for energy efficiency and rugged, *Simply Reliable* designs yielding years of trouble-free operation. Qualstar tape libraries are sold, installed and supported worldwide to backup, archive and protect data from incidental and catastrophic loss. Its N2Power brand switching power supplies are sold worldwide to OEM manufacturers who require both industry-leading high power efficiency and very small size for their products. Qualstar Corporation is publicly traded on the NASDAQ National Market under the symbol QBAK. More information is available at www.qualstar.com, www.n2power.com or by phone at 805-583-7744.

Forward-Looking Statements

Statements concerning the future business, operating results and financial condition of the Company are "forward-looking" statements as defined in the Private Securities Litigation Reform Act of 1995. Such statements are based upon management's current expectations and are subject to a number of uncertainties that could cause actual performance and results to differ materially from the results discussed in the forward-looking statements. Factors that could affect the Company's actual results include the Company's ability to increase sales of its tape libraries; rescheduling or cancellation of customer orders; unexpected shortages of critical components; unexpected product design or quality problems; and, adverse changes in market demand for tape libraries or other Qualstar products. The Company undertakes no obligation to publicly update any forward-looking statements whether as a result of new information, future events or otherwise. Further information on these and other potential factors that could affect the Company's financial results or condition are included in Qualstar's filings with the Securities and Exchange Commission. In particular, reference is made to the "Risk Factors" section of the Company's Annual Report on Form 10-K for the fiscal year ended June 30, 2009, and to the "Management's Discussion and Analysis of Financial Condition and Results of Operations" sections of its Form 10-K and its most recent Quarterly Report on Form 10-Q.

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