

Power Supplies Newsletter

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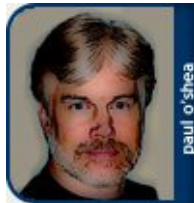
Kepeco Power Supplies

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From the Editor

Earth week is the perfect time to revisit the need for more energy efficient electronic designs. The Energy Saving Initiative series is filled with dozens of innovative solutions for doing just that. We offer solutions to the challenges of implementing the latest high-power IEEE 802.3at PoE technology in power sourcing equipment. You'll also find a good selection of products that will help you create more efficient designs, including programmable supplies that offer high accuracy, a low-profile board-mounted supply that offers 20W, a 3-phase PDU that has hot-swap circuit breakers, and much more. — [Paul O'Shea](#)



paul o'shea

SPONSOR FEATURES

[KEPCO'S SERIES KLP ARE LXI COMPLIANT](#)

Fully compliant to LXI Class C specifications and controlled through the Ethernet.

[KEPCO'S LOW COST SERIES KDN](#)

New KDN series of low cost, UL 508 listed, DIN-Rail mounted power supplies.

[KEPCO'S HOT-SWAP ZERO-UP PROGRAMMABLE POWER](#)

New 300W model added to HSF Series of redundant hot-swap power in a compact size.

FEATURED ARTICLES ...

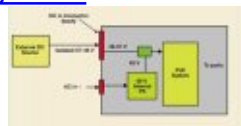
[Special Series: Energy Saving Initiative](#)

The Electronic Products Energy-Saving Initiative calls upon the design-engineering community to take a leadership role in environment responsibility by developing energy-efficient products. Power efficiency should be a check box in all phases of product design, starting with product definition. This series of informative articles from leading companies will provide insight into energy-saving methodologies for diverse applications.



[Building efficient high-power PoE systems](#)

A number of special requirements and challenges emerge when implementing the latest high-power IEEE 802.3at Power over Ethernet (PoE) technology in power-sourcing equipment (PSE) used to power a growing variety of portable platforms. The pending high-power PoEplus standard is poised to actually eliminate the need for batteries in notebooks, thin clients, and other remote/mobile products.



MORE ARTICLES ...

[1,100 kVA UPS meets growing power needs](#)

[150-W 3 x 5-in. supplies target 1U apps](#)

[Programmable supplies offer high accuracy](#)

[Rack-mount voltage regulator suits pro A/V apps](#)

[250mA LDO withstands 80V input](#)

[Microsize supplies target photo diodes](#)

[3-phase PDU has hot-swap circuit breakers](#)

[Low-profile board-mounted supply offers 20 W](#)

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