



Powering and Connecting Your World

# Providing Reliable Backup Power Protection

## For Network Infrastructure, from Edge to Core

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Shawn O'Donnell  
Solutions Architect, IK Network Solutions  
Little Rock, AR



### Customer

IK Network Solutions (IK-NS) is a provider of end-to-end power, communications, security systems, network management solutions and advanced IT infrastructure in Little Rock, Arkansas. From area schools and universities, to local police departments, to the Clinton Presidential Library, IK-NS helps their customers upgrade local area networks for IP telephony, integrate wide area networks for cloud computing and install structured cabling systems and fiber optic infrastructure.



### Challenge

As part of a local school district's overall network refresh project, IK-NS needed to provide uninterruptible power supply (UPS) systems in edge closets in several locations, as well as in the network's core center. The objective: ensure backup power to the critical network infrastructure that encompasses the district's entire telecommunications portfolio, from VoIP to network/Internet access.

As a budget-constrained school district, the customer needed to remain cost-conscious, but could not sacrifice dependability because of the critical need to protect equipment and keep it running in the event of a power failure. The installation included a number of schools, with a need to ensure the entire bill of materials could be completed quickly in order to close the deal.

## The Tripp Lite Solution

### SMART750RM1U SmartPro® UPS System

- 750VA / 600W Line-Interactive Sine Wave UPS with 6 NEMA 5-15R outlets
- Pure sine wave output improves compatibility with sensitive equipment
- Advanced AVR corrects brownouts and overvoltages without using battery power
- LED indicators signal power, voltage correction, load level and battery charge state
- Network card slot supports optional remote access and network management
- USB and serial ports connect to computers for power management



### SMART1500RM2U SmartPro UPS System

- 1.5kVA / 1.35kW Line-Interactive Sine Wave UPS with 8 NEMA 5-15R outlets
- Plus, all of the features of the SMART750RM1U noted above



### SU6000RT4U SmartOnline® UPS System

- 6kVA / 4.2kW On-Line Double-Conversion UPS with 8 5-15/20R outlets, 2 L6-20R outlets and 2 L6-30R outlets
- True on-line, double-conversion operation delivers pure sine wave output, precise voltage regulation and isolation from power problems
- Dual 208/120V output protects both high- and low-voltage equipment
- Manual bypass switch enables hot-swappable maintenance, repair or replacement
- Expandable battery backup supports extended runtimes for critical equipment
- LCD/LED control panel shows power conditions and permits easy access to settings
- Network card slot supports optional remote access and network management
- USB and serial ports connect to computers for power management



### BP192V12-3U External Battery Pack

- Extends the runtime of compatible Tripp Lite UPS systems, such as the SU6000RT4U



### WEBCARDLX Network Management Accessory Card

- Supports operation of compatible SmartPro and SmartOnline UPS systems as a managed network device

## Results

As the Solutions Architect for IK-NS, Shawn O'Donnell chose Tripp Lite as the supplier for this project for a number of reasons. O'Donnell notes the service he received from his Tripp Lite sales representative helped ensure the right equipment with the right features was chosen for each location.

Because O'Donnell's client was a school district, cost efficiency was a major factor in choosing Tripp Lite. "When comparing the solution from Tripp Lite to others, my customer was quick to point out that the Tripp Lite solution would give him more features and capabilities for less money," O'Donnell said. "We have completed many projects with Tripp Lite and our customers have always been pleased with the products, their performance and the price."

Learn more about Tripp Lite solutions at [tripplite.com](http://tripplite.com).

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