



# Tripp Lite Power Solutions Help Fresh an Juici Ltd. Deliver Produce On Time

## Customer

Fresh an Juici Ltd. is one of the leading suppliers of produce to Kenya and other countries throughout the East Africa region. Approximately 120 tons of fresh produce move in and out of their warehouses daily, delivering local fruits and vegetables, imported fruits and conveniently packed cut vegetables to major supermarkets and hotels in the region. The company has offices in Kenya, Uganda, Tanzania and Rwanda.



## Challenge

Fresh an Juici moved one of its offices to a new location in Limuru, Kenya. Utility power in the area is unreliable and blackouts are common. The company didn't want these issues to hamper their ability to deliver the right produce at the right time to their customers. They determined the best way to achieve constant uptime was to provide continuous, clean backup power to all areas of their new location. Fresh an Juici contacted Ellen Power Systems Ltd., a backup power solution provider located in the nearby city of Nairobi.

Ellen Power Systems performed an on-site evaluation and recommended Tripp Lite backup power solutions for the job. They knew Tripp Lite offered everything needed for the job, so all the necessary equipment would be easily obtained from a single source. Since Tripp Lite was a brand that had been available in the African market for the past 15 years, Ellen Power Systems were confident they would provide Fresh an Juici with quality products and unmatched support.

## Solution

### SmartRack® 42U Standard-Depth Rack Enclosure Cabinet

#### Model: **SR42UBEVS**

- 42U SmartRack enclosure with doors, side, roof and bottom panels
- Toolless accessory mounting rails include slots for quick installation of PDUs and vertical cable managers
- Textured powder coat finish resists harsh environmental conditions
- Ships disassembled for easy transport
- 5-year warranty



### SmartOnline® Double-Conversion UPS Systems

#### Models: **SUINT3000RTXL2U, SUINT2200RTXL2UA**

- Maintain continuous operation through blackouts, voltage fluctuations and surges
- On-line, double-conversion mode provides perfectly regulated sine wave output with zero transfer time
- Expandable runtime; hot-swap batteries
- 2-year warranty



## SUMMARY

### Customer

*Fresh an Juici Ltd. is a leading supplier of produce to Kenya and other countries throughout the East Africa region.*

### Challenge

*Obtain clean, continuous backup power for a relocated office in an area with unreliable utility power.*

### Solution

*Rack Enclosure*

- [SR42UBEVS](#)

*SmartOnline UPS Systems*

- [SU12KRT4UHW](#)
- [SUINT3000RTXL2U](#)
- [SUINT2200RTXL2UA](#)

*APS X-Series Inverter/Chargers*

- [APSX2012SW](#)
- [APSX3024SW](#)

*Power Distribution Unit*

- [PDU12IEC](#)

### Results

*New location has clean, continuous backup power for critical systems, all from a single source.*

## Solution

### SmartOnline 12kVA /10.8kW Double-Conversion UPS System

#### Model: **SU12KRT4UHW**

- Complete power protection for critical server and network equipment
- Offers 12kVA non-redundant operation and automatic N+1 redundancy at load levels up to 6kVA
- Hot-swap power and battery modules reduce downtime
- Front panel LEDs, LCD monitoring and control screen



### APS X Series Inverter/Chargers

#### Models: **APSX2012SW, APSX3024SW**

- Deliver pure sine-wave 230V AC power from AC or DC source
- 2000W or 3000W continuous output power; 4000W or 6000W peak power
- Protect against blackouts, surges and EMI/RFI line noise
- Auto-transfer switching option for UPS operation



### Single-Phase Power Distribution Unit

#### Model: **PDU12IEC**

- Provides safe, reliable power distribution
- Switchless design prevents accidental shutdowns and costly downtime
- Reversible all-metal housing faces front or rear in rack



## Results

The installation of the backup power solutions by Ellen Power Systems went smoothly, thanks to their previous experience installing Tripp Lite products and support from a locally based Tripp Lite representative. An SR42UBEVS rack now secures Fresh an Juici's servers and network switches in the server room, while a SUINT2200RTL2UA UPS in parallel connection with an APSX2012SW inverter/charger provides a source of clean, continuous backup power. The dedicated network switch room and dispatch areas have a similar setup, with switches supported by a SUINT3000RTL2U UPS and APSX3024SW inverter/charger working in parallel. The inverter/chargers and connected external batteries serve as a backup to the UPS systems, giving critical applications two hours of runtime in case of an extended blackout. In the office rooms, a high-capacity SU12KRT4UHW UPS protects all the computers. PDU12IEC PDUs provide reliable power connections for all equipment. Fresh an Juici's systems now have clean, continuous backup power, ensuring accurate and efficient produce delivery to their customers.



### About Tripp Lite

Since 1922, Tripp Lite has established a global reputation for quality manufacturing, superior value and excellent service. Tripp Lite makes more than 3,500 products to power, protect and connect electronic equipment, including UPS systems, replacement batteries, PDUs, rack systems, cooling solutions, surge protectors, KVM switches, IP console servers, cables, display solutions, power strips and inverters. Headquartered in Chicago, Tripp Lite maintains offices worldwide.



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