

Secure Power for Your POS System

Five Reasons Why You Need an ONEAC UPS

Retail Solutions



1. Power disturbances

A retail point-of-sale is a critical link for most companies. Loss of power resulting from something as simple as a traffic accident and downed power pole to natural disasters such as earthquakes, fire, and lightning, can bring down a system.

2. Unreliable utility power

While today's utility power gives you 99.9% availability; dimmer switches, air conditioners, coolers, appliances, printers, and back office copiers are continuously introducing transients onto the line from within your own building. So, your busiest time is your most susceptible. Power disturbances can slow your system to a crawl or can cause it to come to a stop altogether.

3. Short-term outages

A study by IBM has shown that a typical system is subject to more than 120 power problems per month. Studies by Bell Labs cite that over 87% of all power related disturbances are comprised of sags (brownouts) and blackouts. But these aren't the problem. Most systems can ride out brownouts. But not all UPSs will help your system handle the continual stress of internal transients.

4. Cost of system downtime

According to a survey by the Yankee Group, over 50% of corporations researched put downtime costs associated with system outages at upwards of \$2000 per hour, another 10% estimated that their costs were closer to \$50,000 per hour. A single outage typically justifies the cost of a UPS.

5. Dedicated isolated ground

The delicate circuits in your system need a clean ground as a benchmark for their internal control logic reference point. Not every UPS measures up to this demand.



ONEAC[®]


EMERSON[™]
Network Power

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The ONEAC OnePlus® UPS

- Cuts store system downtime
- Assures data accuracy
- Extends equipment life
- Simplifies site prep
- Reduces installation time and cost
- Increases customer satisfaction
- Increases edge over the competition

1. Superior protection

It has been proven in the retail industry that the problems in your electrical environment greatly impact the performance of your operating systems. Not only the obvious lightning strike, but disturbances outside and inside your own site affect your system's abilities. ONEAC UPSs remove the harmful effects of power disturbances that are present at all retail locations, increasing your system's efficiency and availability. Compare this to surge suppressor products which don't respond to all disturbances and are slower to react.

2. Increased reliability

The ONEAC UPS are warranted for up to 5 years and has a measured mean time between failure (MTBF) rate of 728,000 hours. They are designed for use in the most adverse conditions and display no measurable deterioration in performance after thousands of "hits" vs. surge suppression technology which deteriorates rapidly and often fails without warning. ONEAC's patented

technology and superior components far exceeds industry standards, giving you the highest level of protection.

3. Isolated ground

A clean ground reference point is critical in keeping your system running. ONEAC products are specifically designed to address your systems need for a isolated ground and are one of the only in the industry able to ensure a clean ground signal reference. Surge suppression technology can't offer this grounding technology and can actually exacerbate ground related problems (lock-ups/resets/soft errors).

4. Long battery life

ONEAC UPSs offer a typical battery life-span that far surpass the industry standards. Steps taken to ensure long battery life include:

- Selecting premium rated batteries
- Matching chargers to batteries appropriately
- Continuously charging to reduce battery stress

- Compensating temperature during charging
- Thermally isolating battery compartment
- Testing every battery before shipping

Be sure these are included in any battery backup you choose. ONEAC UPS batteries are fully charged before they leave the factory, eliminating the question of poor battery performance due to long shelf time prior to purchase.

5. Simple battery replacement

ONEAC UPSs offer user replaceable batteries, where batteries can be replaced while the unit is online. No tools or professional help is required—with our simple design, battery replacement can be accomplished by the end user within minutes. ONEAC's batteries are completely self-monitored and audible alarm alerts users at least 90 days prior to a needed change out.