protects equipment and personnel from any electrical shock. Also, all units have fully customizable power distribution terminals from potentially hazardous back feed voltage from the inverter while operating in backup mode. This ultimately diverter, and noise filtering to optimize performance.

normal mode and less than 0.5 volts Neutral-to-ground when tested to ANSI/IEEE C62.41 in all modes of operation. In addition, its advanced frequency management system maintains a constant voltage and frequency to the load, no matter how poor the incoming power quality is. "The DSP controlled double-conversion UPS system is critical when trying to maintain consistent power output to the load," says Jose. "It protects against all kinds of power disturbances like spikes, noise, transients or power failure of any kind can result in diminished yield or, even worse, scraping of materials and cost of the parts," he explains. "Costly production delays, labor, and material losses, as well as missed deadlines, then create even bigger problems for operations looking to get their product to market on time."

As our time together draws to a close, Jose takes a moment to reflect on how his earliest childhood memories set the course for his current career of understanding and harnessing power. "I have found that trustworthy power is a vital element for advance POS [Point of Sale] systems. POS equipment has very minimal power requirements these days. As a result, NXT Power has a 250VA and 400VA UPS to meet this need. I believe that since POS equipment is also designed to be connected to the internet, there is a lot more at risk when the power is on the fritz. The Integrity Pro UPS is a reliable option, offering peace of mind protection for operators to avoid problems due to common-mode voltage, power outages, spikes, and noise. With over 10 years of experience in the UPS market, Jose has a unique perspective on how to best approach the design with the customer in mind. As a Team we discussed the market needs and conducted a gap assessment, considering what options may work and then identifying the best possible solutions. This design innovation allows the customer to capture real-time information. This design innovation allows the customer to capture real-time information. This design innovation allows the customer to capture real-time information. This design innovation allows the customer to capture real-time information.

One of the biggest challenges the Design Team had to overcome was the development of an easy-to-understand LCD interface. "I have found that users can usually learn new equipment, but unless the display is simple and clear, they will not be able to use it," Jose explains. "The design team had to come up with a solution that offered all the critical information without overwhelming the user." The result was a display that was easy to read and understand, with clear and concise information presented in a way that was intuitive and user-friendly.

The Pro Retail, which meets Safety Standards UL1778, is designed to incorporate itself seamlessly into POS environments. "In his role as Director of Engineering at NXT Power, Jose applies his talent for new product innovation and understanding how best to approach the design with the customer in mind. As a Team we discussed the market needs and conducted a gap assessment, considering what options may work and then identifying the best possible solutions. This design innovation allows the customer to capture real-time information. This design innovation allows the customer to capture real-time information. This design innovation allows the customer to capture real-time information. This design innovation allows the customer to capture real-time information.

A couple of differences: First, the easy-to-understand LED display and low impedance isolation transformer already applies innovation in his role at this forward-thinking company. "At NXT Power, we believe that you have to control both normal and common-mode voltage to achieve good electronic performance," he says. "In our role as a manufacturer, we have to ensure that the power is handled properly, so the Integrity Pro UPS line gets higher performance and better reliability," he says. The Pro Medical model is designed from the ground up to incorporate itself flawlessly and safely into various patient environments. Each unit meets the safety requirements of IEC60601.1 and UL60601-1 (300 microamps of leakage current) and has a low common-mode current of just 10 microamps. "The Integrity Pro Medical UPS meets these standards while using a low impedance isolation transformer that delivers safe isolation from the load," Jose explains.

"The Integrity Pro Medical UPS is designed to be used in medical environments such as hospitals, clinics, and other healthcare facilities," he says. "It provides continuous and undistorted power to medical equipment, ensuring that the equipment functions properly and reliably. The Integrity Pro Medical UPS is designed to be compact and lightweight, making it easy to install and transport. It also offers real-time monitoring and fault detection, allowing medical professionals to quickly identify and address any issues that may arise. "The Integrity Pro Medical UPS is designed to be used in medical environments such as hospitals, clinics, and other healthcare facilities," he says. "It provides continuous and undistorted power to medical equipment, ensuring that the equipment functions properly and reliably. The Integrity Pro Medical UPS is designed to be compact and lightweight, making it easy to install and transport. It also offers real-time monitoring and fault detection, allowing medical professionals to quickly identify and address any issues that may arise. I believe that since POS equipment is also designed to be connected to the internet, there is a lot more at risk when the power is on the fritz. The Integrity Pro UPS is a reliable option, offering peace of mind protection for operators to avoid problems due to common-mode voltage, power outages, spikes, and noise. With over 10 years of experience in the UPS market, Jose has a unique perspective on how to best approach the design with the customer in mind. As a Team we discussed the market needs and conducted a gap assessment, considering what options may work and then identifying the best possible solutions. This design innovation allows the customer to capture real-time information. This design innovation allows the customer to capture real-time information. This design innovation allows the customer to capture real-time information. This design innovation allows the customer to capture real-time information.

The Integrity Pro line of UPS systems is designed to meet the needs of a wide range of industries, from healthcare and medical applications to industrial and commercial environments. Each model is designed to offer high performance, reliability, and safety while providing power protection and backup. "We have a full line of products to offer our customers," Jose says. "Our goal is to provide reliable power solutions that meet the needs of our customers and exceed their expectations. We pride ourselves on our commitment to quality and customer satisfaction, and we are always looking for ways to improve and innovate our products. Our latest release of the Integrity Pro UPS line is the perfect example of this commitment, as it offers advanced technology and features that are designed to meet the needs of today's demanding customers. Whether you need to protect your medical equipment, ensure reliable power to your POS terminals, or maintain continuous power to your computer systems, NXT Power's Integrity Pro UPS line offers the performance and reliability you need to keep your operations running smoothly.