

# PRODUCT SOLUTIONS BRIEF FLUKE INDUSTRIAL

## DATA CENTER POWER OPTIMIZATION



Through our strong global partnerships and alliances with manufacturers such as Fluke, we are able to present you with the following offering to meet your specific data center requirements.

### 435 Series II Power Quality and Energy Analyzer

Think of the Fluke 435 Series II Power Quality and Energy Analyzer as your insurance policy. No matter what goes wrong in your facility, with the 435 Series II, you will always be prepared. Equipped with advanced power quality functions and energy monetization capabilities, there is no electrical issue this model can't handle.

Wrapped in a lightweight, rugged package, the Fluke 435 Series II is the ideal portable power quality instrument, providing advanced power quality functionality and energy analysis capabilities.



Advanced power quality functions, unprecedented energy analysis capabilities



### CHALLENGE SOLVERS

- PowerWave function captures fast RMS values and allows you to see every waveform to determine how the voltage, current and frequency values are interacting.
- Power inverter efficiency function measures both AC power and DC power, in and out, to monitor the efficiency of your inverters.
- The energy-loss calculator will monetize energy waste due to poor power quality, helping you save on the energy bill.
- AutoTrend gives you fast insight into changes over time. Every displayed reading is automatically and continuously recorded without having to set up threshold levels or having to manually start the process.

### THE ANIXTER APPROACH

#### Intelligent Power Chain

- **Entrance feed**  
Consider environmental conditions when determining the appropriate insulation type for medium-voltage cable.
- **UPS system**  
Run closer to capacity and defer capital expenditures via modular UPS designs.
- **Room distribution**  
Deliver high-voltage power to the cabinet in order to prevent energy conversion losses.

### THE FLUKE INDUSTRIAL SOLUTION

HARDWARE CONFIGURATION	ACCESSORIES	EXTENDED WARRANTY
Current range Measurement Storage	Battery Clamp Case	CarePlan
<a href="http://anixter.com/shopfluke">anixter.com/shopfluke</a>		

### WHAT WE HEAR

Challenges from various data center stakeholders:



Cannot gauge **CAPACITY** needs



Budgeting of unpredictable **IT REQUIREMENTS**



Lack of **TOTAL POWER CHAIN** visibility



**PREVENTING** accidental outages



**PERFORMANCE vs. COST**

**Infrastructure as a Platform**  
by Anixter

Infrastructure as a Platform by Anixter provides a practical, configurable and integrated approach to retrofitting or building an intelligent power chain into your data center environment.

## CONFIGURE

We help you discover and map your specific needs to the best solution.

- Event waveform capture
- 400 Hz capability
- SD card
- Current clamps and probes

## BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Batteries, chargers and adapters
- Fluke CarePlans
- Hard rolling case
- Current clamps

## DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

### ✓ PREVENT OUTAGES

- Troubleshoots in real-time
- Automatically records every measurement without any set-up
- Configures for any test condition with memory for up to 600 parameters
- Verifies the available electrical system capacity before adding loads

### ✓ TOTAL VISIBILITY

- View graphs and generate reports with included analysis software.
- Analyze trends in real-time using cursors and zoom tools.
- Simultaneously measure AC output power and DC input power.
- See 10 power quality parameters on one screen.



600 V CAT 5/1000 V CAT 3 rated for use at the service entrance

**> FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPFLUKE](http://ANIXTER.COM/SHOPFLUKE)**

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For over 30 years, Anixter has been the leading, global, value-added distributor of physical layer communication infrastructure solutions for office, building and campus environments. As experts in large-scale project execution, we are a trusted supplier to leading communication integrator companies and have worked with many Fortune 500 companies.

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