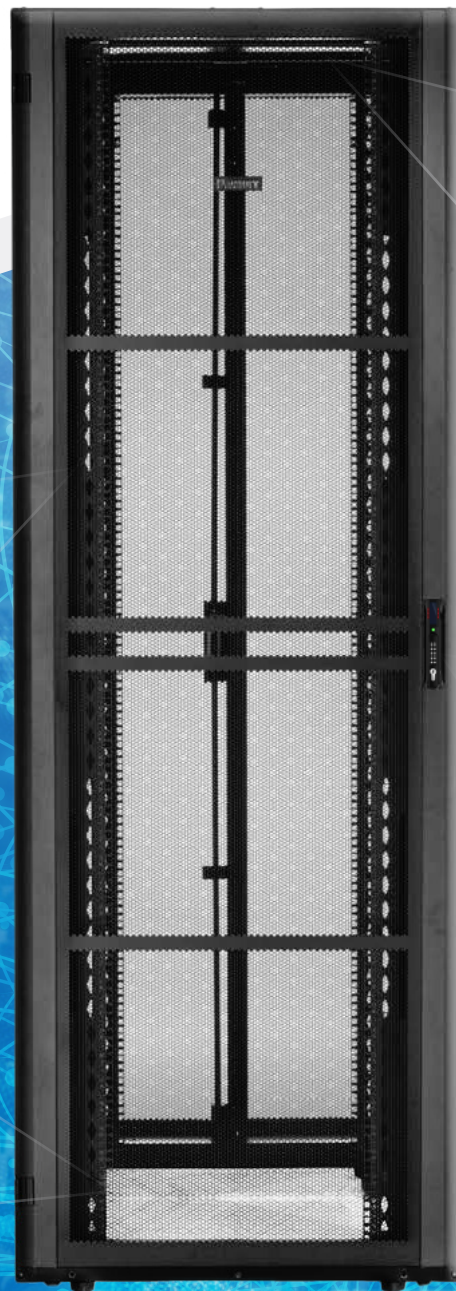# Environmental & Security Solutions

Optimize Data Center Environments and Protect IT Assets

Ensure Peak Efficiency and Security for Your Data Center

In today's fast-paced data center environment, maintaining efficiency and security is crucial. Our innovative critical power solutions, including real-time monitoring sensors and intelligent rack security handles, ensure your data center operates seamlessly and securely. Explore how our integrated systems can elevate your operations and provide the tools you need to limit risk.
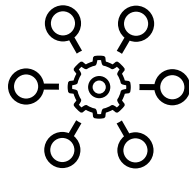
Key Solutions

Intelligent Rack Security Handles

Peace of mind through managed access control and real-time alerts

Real-Time Environmental Monitoring

Customizable thresholds and event notifications safeguard against downtime threats

Comprehensive Data Analysis

Leverage DCIM software to gain insights and drive data-informed decisions

Easy Integration

Plug-and-play with Panduit G5/G6 iPDU and UPS Systems

Comprehensive Environmental Monitoring

Optimize your data center's mission critical environment with real-time monitoring solutions from Panduit. Our sensors track temperature, humidity, and potential leaks to ensure optimal conditions. Leverage these insights for data-driven decision making and improved operational efficiency.

Features

Real-time temperature, humidity, and leak detection

Customizable alerts and thresholds

Easy integration with DCIM software

G5/G6 iPDU and UPS firmware self-identification

Quick connect with RJ45 plug

Spot Fluid Leak Sensor

Intelligent Rack Security Handle 3-Temperature and Door Sensor
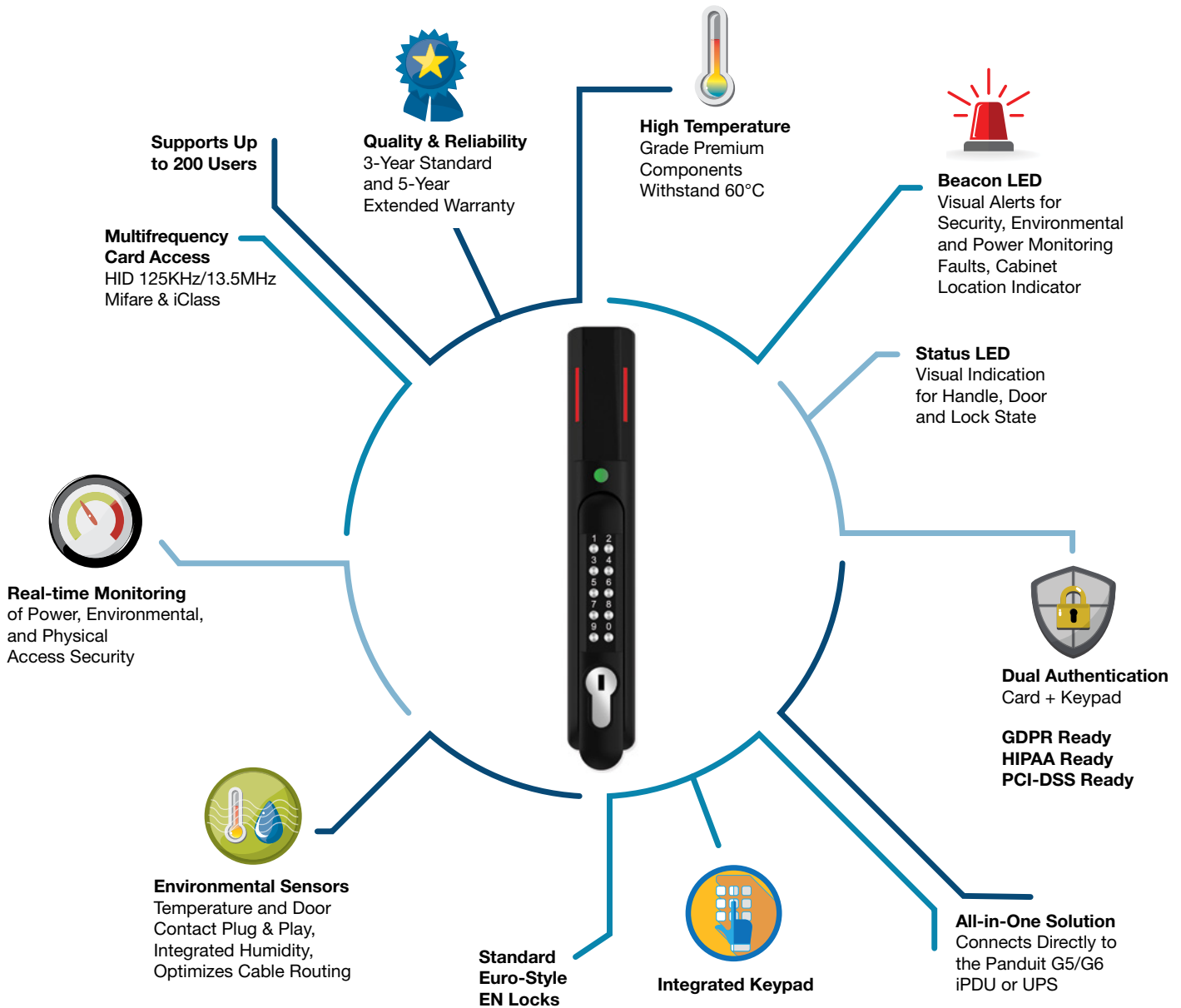
Sensor Hub Kit

Rope Fluid Leak Sensor Kit

Optimize Your Data Center

Intelligent Rack Access Control

Secure your IT assets with our intelligent advanced rack security handles which feature an integrated humidity sensor and provide managed access control and real-time alerts to ensure critical infrastructure is protected.
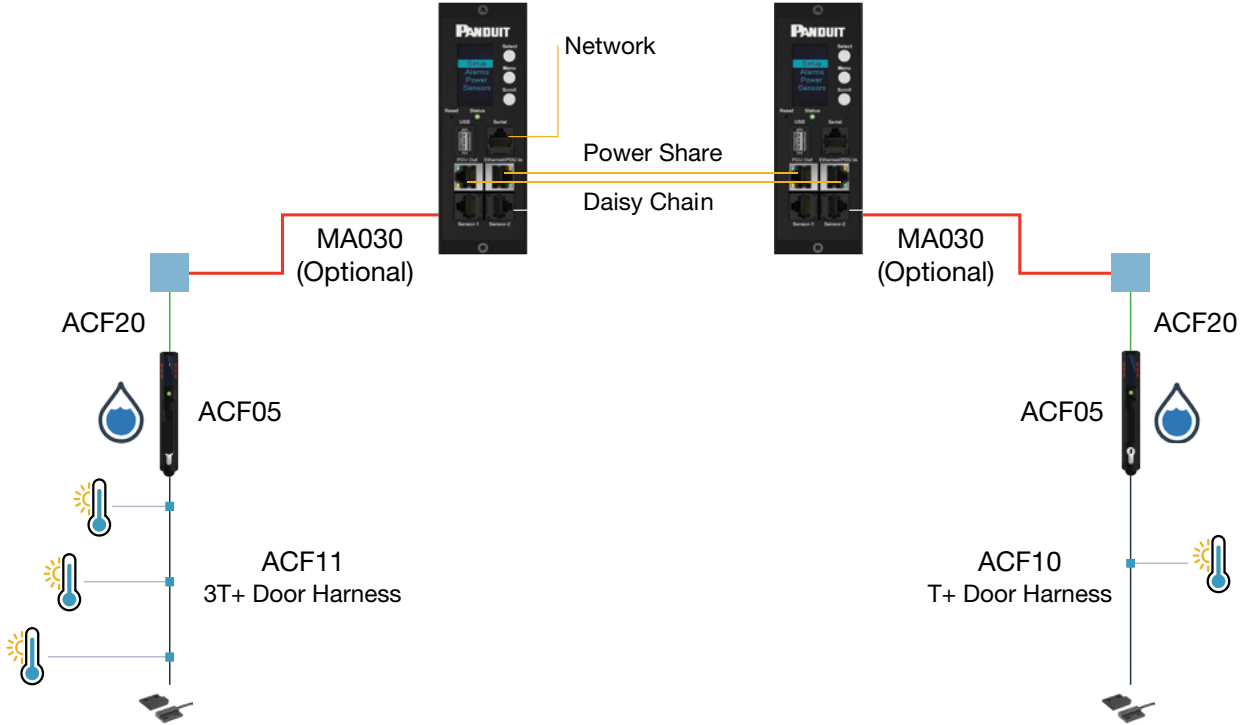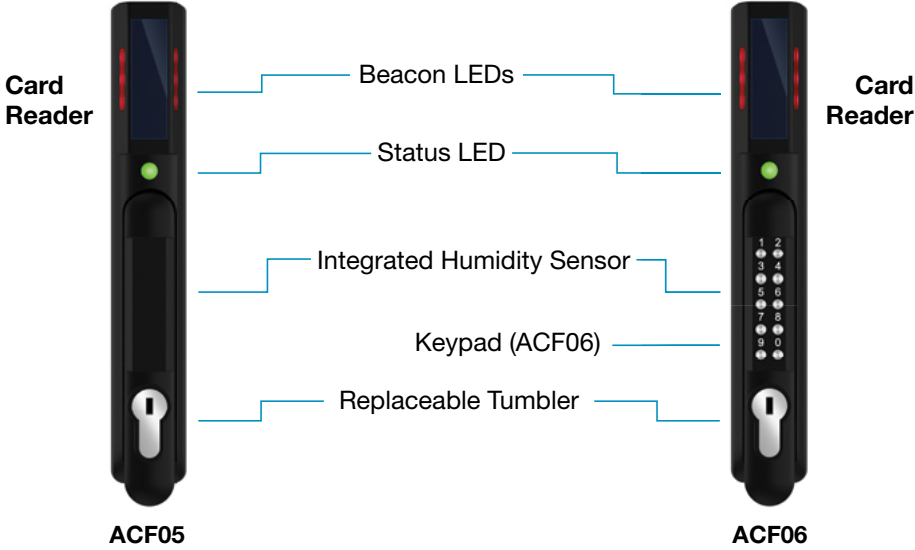
Supports Up to 200 Users

Quality & Reliability
3-Year Standard and 5-Year Extended Warranty

High Temperature
Grade Premium Components Withstand 60°C

Beacon LED
Visual Alerts for Security, Environmental and Power Monitoring Faults, Cabinet Location Indicator

Multifrequency Card Access
HID 125KHz/13.5MHz Mifare & iClass

Status LED
Visual Indication for Handle, Door and Lock State

Real-time Monitoring
of Power, Environmental, and Physical Access Security

Dual Authentication
Card + Keypad

GDPR Ready
HIPAA Ready
PCI-DSS Ready

Environmental Sensors
Temperature and Door Contact Plug & Play, Integrated Humidity, Optimizes Cable Routing

Standard Euro-Style EN Locks

Integrated Keypad

All-in-One Solution
Connects Directly to the Panduit G5/G6 iPDU or UPS

Read the Guide

Security Diagrams

Security Handle

Features

Up to
200 users

Multifrequency
card access

HID 125 kHz/13.5 MHz,
Mifare and iClass

Dual authentication
(keypad version)

Card
Reader

Card
Reader

Beacon LEDs

Status LED

Integrated Humidity Sensor

Keypad (ACF06)

Replaceable Tumbler

ACF05

ACF06

Network

Power Share

Daisy Chain

MA030
(Optional)

MA030
(Optional)

ACF20

ACF20
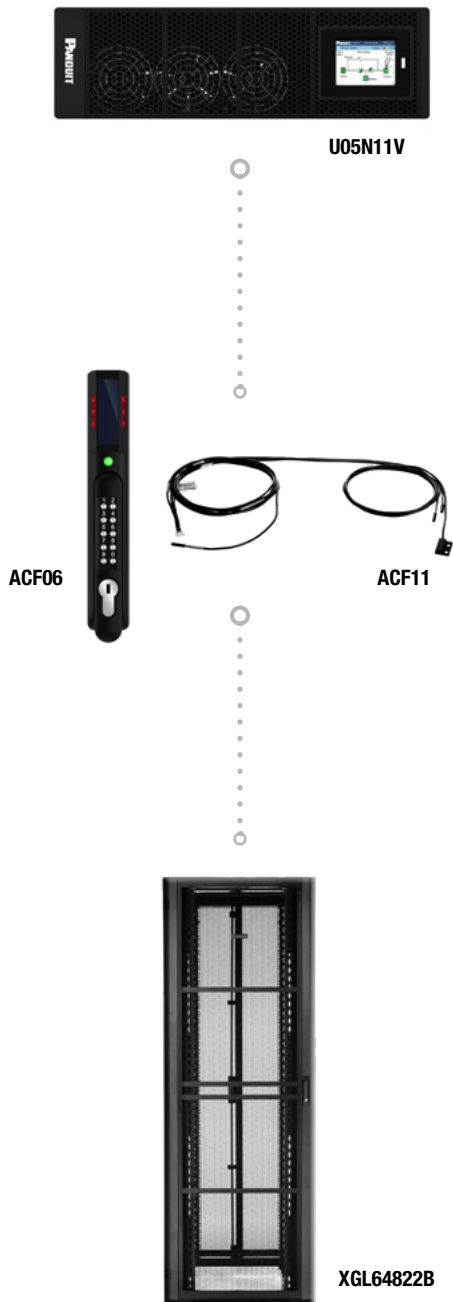
ACF05

ACF05

ACF11
3T+ Door Harness

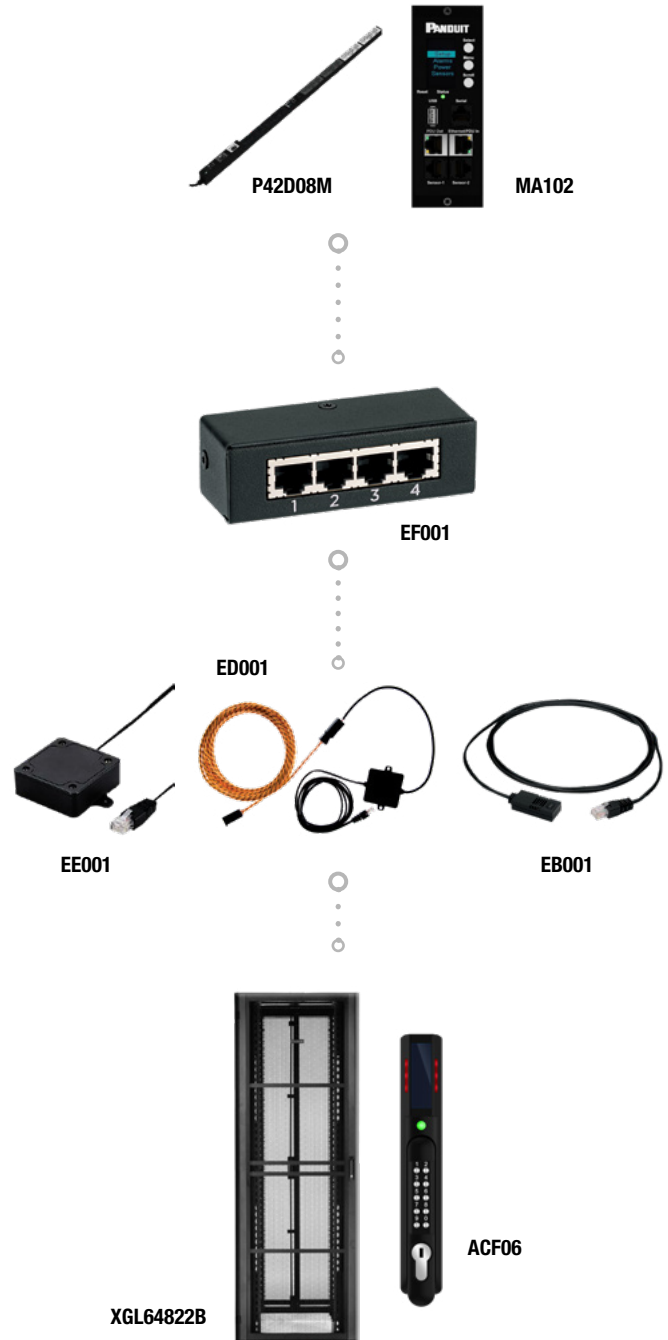ACF10
T+ Door Harness

View All Products

Application Diagrams

Discover how our environmental sensors and rack security solutions can transform your data center operations. Consult with our critical power specialist today and take the first step toward a more efficient and secure data center.
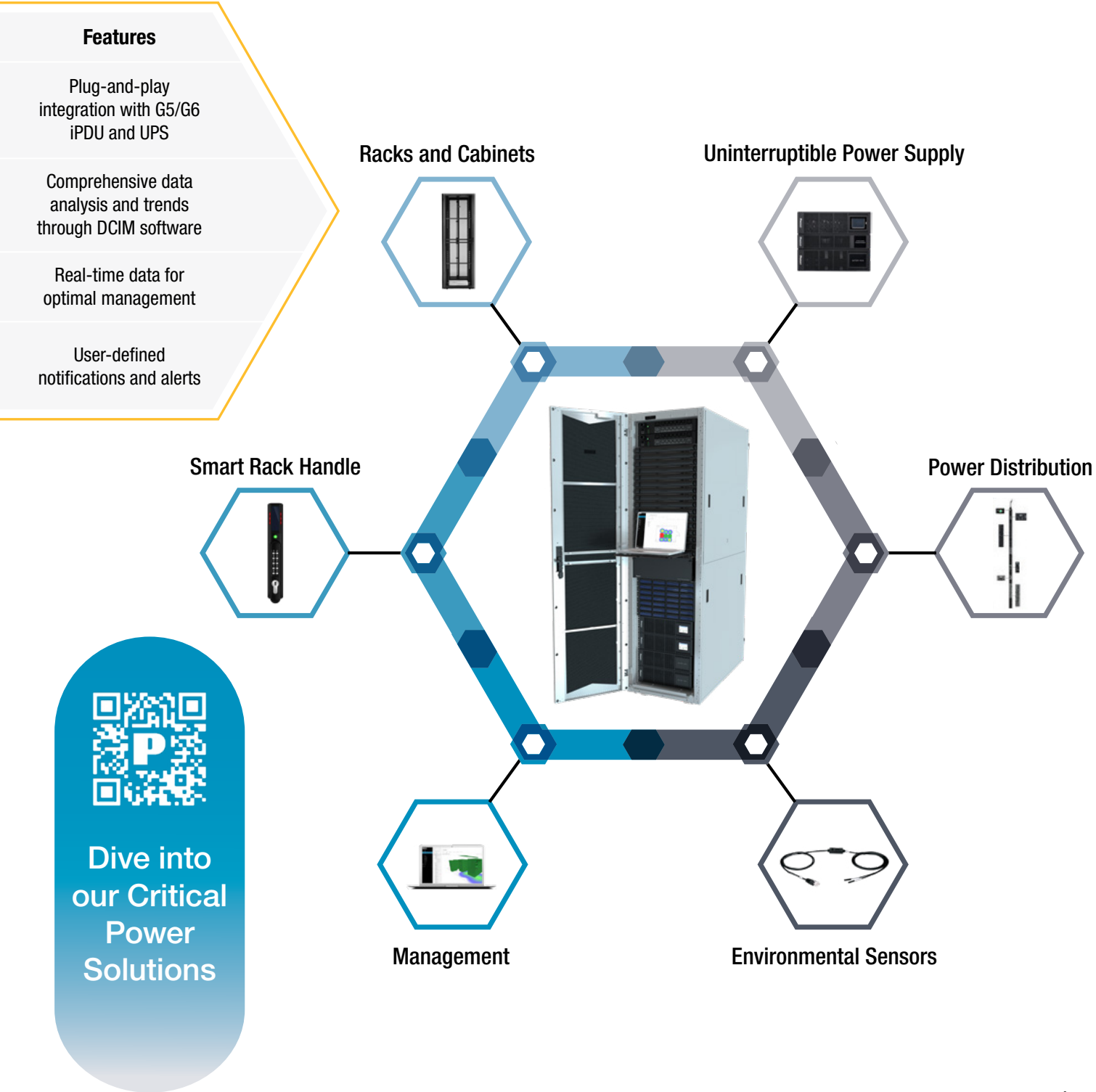
UPS

U05N11V

ACF06

ACF11

XGL64822B

PDU

P42D08M

MA102

EF001

ED001

EE001

EB001

XGL64822B

ACF06

Holistic Critical Power Solution

Seamless Integration and Data Analytics

Our solutions seamlessly integrate with our G5/G6 iPDU and UPS systems for a comprehensive data center management approach. Leverage third-party DCIM software for detailed data analysis, driving informed decisions and enhancing overall efficiency and uptime.

Features

Plug-and-play integration with G5/G6 iPDU and UPS

Comprehensive data analysis and trends through DCIM software

Real-time data for optimal management

User-defined notifications and alerts

Racks and Cabinets

Uninterruptible Power Supply

Smart Rack Handle

Power Distribution

Management

Environmental Sensors

Dive into our Critical Power Solutions

PDU Environmental Sensors

Transform your data center's environmental rack monitoring and power distribution with our comprehensive suite of plug and play, digital sensors and accessories. Where each solution is engineered to meet specific monitoring and power management needs.

Temperature Sensor (EA001)
Keep a precise check on temperature levels and receive threshold alerts on critical values to ensure you have optimal conditions to protect your IT equipment's performance and longevity.

Temperature & Humidity Sensor (EB001)
Dual monitoring capability notifies you when ideal temperature and humidity levels are exceeded, safeguarding your equipment from environmental stress.

3-in-1 Temperature & Humidity Sensor (EC001)
An integrated solution to monitor humidity and temperature at the top, middle and bottom of a rack, this versatile sensor offers temperature and humidity in one compact unit.

Rope Leak Detector (ED001)
Protect your assets from water damage with this sensitive and expansive leak detection system, perfect for covering large areas.

Spot Leak Detector (EE001)
Rapidly identify and address specific leak-prone spots, preventing damage and downtime with pinpoint accuracy.

3-Sensor Input Hub (EF001)
Centralize and streamline your monitoring by connecting multiple sensors to a single hub, simplifying management and data analysis.

Rack and Security Access Control

Dry Contact Input (ACC01)
Integrate a wide range of external sensors and devices into your monitoring system, enhancing flexibility and control.

Door Contact Switch (ACA01)
Secure your critical areas with this switch that alerts you whenever protected doors are accessed.

Auto Light Bar (ACD01)
Illuminate your cabinets automatically upon opening, enhancing visibility and convenience during maintenance or inspection.

Intelligent Rack Security Handle with Humidity Sensor (ACF05)
Remote management and protection of data center racks from unauthorized users. Have peace of mind knowing IT assets are secure.

Intelligent Rack Security Handle with Humidity Sensor and Keypad (ACF06)
Further safeguard your IT equipment from unauthorized users with the integrated keypad to enable dual authentication.

Intelligent Rack Security Handle Temperature and Door Sensor (ACF10)
Minimize your cable clutter in the rack by integrating this temperature sensor through the Intelligent Rack Security Handle.

Rack and Security Access Control

Intelligent Rack Security Handle 3-Temperature and Door Sensor (ACF11)

Minimize thermal risk by integrating this 3-temperature and 1-door sensor through the Intelligent Rack Security Handle.
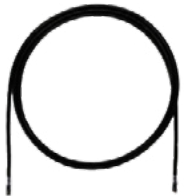
Intelligent Rack Security Handle Harness (ACF20)

Simple-to-use RJ45 plug to JST plug connects the Intelligent Rack Security Handle to the G5/G6 iPDU or UPS.

Intelligent Rack Security Handle Patch Cord Extension (MA30)

Use this convenient RJ45 patch cord to extend the reach of the rack security handle to the iPDU or UPS.

G5 iPDU Power Share Patch Cord (RJ45 Male to R45 Male) (MA031)

Maximize your IT efforts by using this patch cord to daisy-chain up to four G5 iPDUs.

Security Access HID Cards 125 kHz (10 Pack) (CRD-02-10PK)

Available in convenient packs of 10 for use with the high-frequency card reader option on the Intelligent Rack Security Handle.

Security Access HID Cards 13.56 MHz (10 Pack) (CRD-03-10PK)

Available in convenient packs of 10 for use with the low-frequency card reader option on the Intelligent Rack Security Handle.

Connect with Our Experts

Discover today how Panduit environmental sensors and intelligent rack security solutions can transform your data center operations.

Consult with our critical power specialist today and take a step towards a more efficient and secure data center.

Contact us: **800-777-3300** or **cx@panduit.com**

Scan to Contact Us

Our most important connection is with you.

We have the knowledge and experience to help you make the most of your infrastructure investment.

Let's Connect
www.panduit.com/contact-us

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