



The RakworX family of enterprise-grade rack PDUs includes comprehensive power management, watt-hour energy metering and environmental monitoring, all within the industry's slimmest space-saving design.

A large selection of standard and configurable PDU options provide reliable power distribution to the equipment in the rack and with functionality of monitoring and control.

AP Series Intelligent Rack PDU

Metered PDU (AP2000/ AP5000 Series)

Real-time metering and network monitoring of power loads for overload avoidance, capacity & load balancing and energy use optimization.

Outlet Metered PDU (AP7000 Series)

Individual outlet power and energy metering combined with all features of the AP5000 series.

Metered, Outlet Switched PDU (AP3000 / AP6000 Series)

Remote outlet on/off switching for power-up sequencing, remote power cycling and outlet use management combined with all features of the AP5000 series.

Outlet Metered, Outlet Switched PDU (AP8000 Series)

Comprehensive management solution includes features of both the AP6000 and AP7000 series.

Product Features by Series

Product features	AP2000	AP3000	AP5000	AP6000	AP7000	AP8000
▪ PDU level power measurement and monitoring						
▪ Total Energy (kW/h)						
▪ Total Power(W)	●	●	●	●	●	●
▪ Each phase power parameters metering(V, A, VA, W, PF)						
▪ CB Ampere monitoring						
Outlet level switching						
▪ Remote on/off switching for each individual outlet						
▪ Allows						
▪ Reboot action to recover hung equipment, remote servers, etc.		●		●		●
▪ User defined start up sequencing						
▪ Internal access controls						
Outlet level power measurement and monitoring						
▪ Energy metering for each outlet(kW/h)		●			●	●
▪ Power parameters for each outlet(V, A, VA, W, kW/h, PF)						
Ethernet network			●	●	●	●
Modbus	●	●				
Embedded system , web log in		●	●	●	●	●
User defined alarm threshold and inform	●	●	●	●	●	●
Local display visibility	●	●	●	●	●	●
Daisy chain capability	●	●	●	●	●	●
Locking IEC receptacles	●	●	●	●	●	●
Environmental monitoring sensors	●	●	●	●	●	●
Product customization capability	●	●	●	●	●	●
▪ Short lead time customization capability	●	●	●	●	●	●

Product Features

RakworX intelligent PDUs provide advanced load monitoring combined with remote on/off switching control of individual outlets for power cycling .

Pre-configured or custom Rack PDU designs to suit unique project and end-user requirements .

- ★ Cord length
- ★ Power
- ★ Plug type
- ★ Outlets Color
- ★ Quantity or Layout
- ★ Housing Color

Compliance Specifications

EMC Verification: EN 55022 Class A, EN 55024
EN 61000-3-2, EN 61000-3-3

Safety Verification: CE, UL 60950-1

Environmental Verification: ROHS, WEEE

Available Accessories

Environmental Sensors

Every RakworX Rack PDU (AP5000/6000/7000/8000 series) is designed to accommodate up to 6 external sensor probes with user customizable alarms and notification. Each sensor is engineered with an embedded analog-digital signal processing microchip for extended range and high accuracy operation. Every sensor probe is factory calibrated and designed for easy installation setup and identification.

SKU	Description
AP91001-1T1H	1T/1H sensor
AP91001-3T1H	3T/1H sensor
AP91002	1T/1H sensor + Differential pressure sensor
AP91003	Smoking sensor
AP91004	Alarm
AP91005	Door switch sensor
AP91006	Rope leakage sensor

About RakworX

RakworX is a manufacturer of high-quality data center infrastructure products including IT cabinets in multiple applications, rack power distribution units (PDU), airflow containment for data center efficiency optimization and modular data centers (MDC) with intelligent natural air cooling which may reduce PUE as low as 1.1. The high prefabricated data center **EDGE²easy^{free}** full series ranging from 50KW to 350KW have successfully achieved TIER-Ready III certification from the Uptime Institute. The TIER-Ready **EDGE²easy^{free}** series consists of five basic topological units with the same TIER III topology. RakworX is committed to provide our customers with unique quality products, superior services and cost efficient solutions, giving you a competitive advantage.

For more information, please contact a RakworX Specialist at (949) 251 1362 or sales@rakworx.com.

