

AP5000

Series

Metered rack Power Distribution Units (PDUs) provide real-time remote monitoring of connected loads. User-defined alarms warn of potential circuit overloads before critical IT failures occur.

- IEC60950 industrial standard PDU
- Multiple locking IEC socket
- Socket color management
- Compact size, only 50mm
- Optional sensor, rich function expansion
- Remote detection PDU
- Accurate measurement of embedded operating system, intelligent control.
- Work with centralized control platform perfectly compatible

Overview

RakworX Metered Rack Power Distribution Units (PDUs) provide active metering to enable energy optimization and circuit protection. User-defined alarm thresholds mitigate risk with real-time local and remote alerts to warn of potential circuit overloads. Metered Rack PDUs provide power utilization data to allow Data Center Managers to make informed decisions on load balancing and right sizing IT environments to lower total cost of ownership. Users can access and configure Metered Rack PDUs through secure Web, SNMP, or Telnet Interfaces which are complimented by RakworX Centralized Management platforms using Data Center Expert, Operations, Capacity, and Energy Efficiency. AP5000 series Metered Rack PDUs include real power monitoring, a temperature/humidity sensor port, locking IEC receptacles, and ultra-low profile circuit breakers.



Specifications

Size	0U: 1700mm×55mm×50mm 1U: 448mm×44mm×50mm			
Socket	16	24	32	27
Socket Type	C13 [16]	C13 [18] C19 [6]	C13 [24] C19 [8]	C13 [18] C19 [9]
Output voltage	200-240V AC, 1Ph			
Input voltage	200-240V AC, 1Ph/380-415V AC 3Ph, 50/60 Hz			
Input current	16A	32A	63A	
Power Cord	2.5mm ²	6mm ²	10mm ²	
Power Cord length	2M			
Plug	IEC309 Plug or NEMA Plug			
Protection function.	Hydraulic magnetic circuit breaker			
Output current per Bank	16A/20A			
Output current Per outlet	C13 : 10A C19 : 16A			
Chassis	Galvanized sheet			
Color	Black			

Metering, Monitoring & Network Management

Input Phase level power measurements (V, A, VA, kWh, PF)	√ (1% when current > 1A)
Circuit breaker detection	√
Over voltage and over current alarm	√
User customizable alarm thresholds & notifications	√
Remote network communication and control	√ (HTTP, HTTPS, SSH, Telnet, SNMP, FTP)
environmental sensors including temperature, humidity, dry contact and fluid leak	√
Rack access monitoring with door contact switch	√
Display Interface	1.5 "
External display	√
Log management	√
Embedded system	√



Environmental

Maximum elevation, above MSL (Operating/Storage)	0-3,000 m
Temperature (Operating/Storage)	-5 to 60 °C
Humidity (Operating/Storage)	5-95% RH, non-condensing

Compliance

EMC verification	EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3
Safety verification	UL , TUV , EMC, CE, EN/IEC 60950-1
Environmental Verification	ROHS, WEEE

For more information

Please visit the website: www.rakworx.com

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