

Outlet Metered, Outlet Switched PDU

ECX-WVI624I20-R



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The ECX-WVI624I20-R outlet-metered, outlet-switched PDU distributes power to devices in the rack and offers real-time phase, circuit breaker, and outlet level metering and network monitoring of power loads for overload avoidance, capacity & load balancing, and energy use optimization. Switched outlets allow power-up equipment sequencing, remote reboot, and outlet access control. A hot-swappable network management controller allows for future upgrades and enhanced MTTR. The controller can also manage up to eight environmental sensors, or two security access handles which are managed through the PDU. The ECX-WVI624I20-R can be managed by webUI, telnet or SSH, SNMP, or RESTful API. Symmetric outlets and phases provide consistent wiring in top or bottom orientations.

PRODUCT FEATURES

- Real-time phase and circuit breaker metering and monitoring of power loads
- Remote PDU access management
- Environmental monitoring to detect temperature, humidity and water leaks (up-to eight sensors)
- Consolidation of IP address management by daisy-chain of up to four PDUs
- Conforms to the following standards: Redfish API, RESTful API, IPV6 -SSL/IPsec, SNMP V3
- Integrates with DCIM and BMS

APPLICATIONS

- Environments that require energy metering
- Colocation facilities
- MDF, IDF, Data Center, Computer Room, Data Room Environment

SPECIFICATIONS

PDU FUNCTION	SPECS
Energy Metering	Voltage (V), Current (A), Active Power (kW), Apparent Power (kVA), Energy (kWh), Power Factor
Metering Accuracy	Billing grade, 1% ISO/IEC 62053-21
Outlet Level Metering	(V, A, kW, kVA, kWh, pf) per ISO/IEC 62053-21
Outlet Switching	Yes with user programmable startup sequencing
Network Management	Gigabit, 10/100/1000 BaseT
Locking IEC Outlets	Yes, dual methods – Wlock and cable tie downs
Color Coded Outlets and Circuit Breakers	Yes
Field Replaceable Intelligence Module	Yes, hot-swappable



SPECIFICATIONS

ELECTRICAL	SPECS
Acceptable Input Voltage	346-415VAC, +6%, -10%
Input Current (Phase)	16A
Input Frequency	50/60 Hz
Input Power	11.5 kVA
Input Plug	IEC60309 516P6 (IP44)
Rated Output Current (Phase)	16A (3 phase)
Rated Output Current (Outlet)	C13: 10A, C19: 16A
Overload Protection (Internal)	N/A
Outlet Configuration	Total: (24)C13, (12)C19; Per Breaker: N/A

PHYSICAL	SPECS
Dimensions	68.9" x 2.05" x 2.09" (1750 x 52 x 53 mm)
Depth at Circuit Breaker, in (mm)	2.95" (75mm)
Input Cord Length, ft (m)	10' (3m)

ENVIRONMENTAL	OPERATING	STORAGE
Maximum Elevation, Above MSL	0-10,000 ft / 0-3,000 m	0-50,000 ft / 0-15,000 m
Temperature	23 to 140°F / -5 to 60°C	-13 to 149°F / -25 to 65°C
Humidity	5-95% RH non-condensing	5-95% RH non-condensing

COMPLIANCE/STANDARDS	SPECS
EMC Compliance	FCC, ICES
Safety Compliance	UL, cUL, IEC/UL 60950-1, UL/IEC 62368-1, CE-LVD
Environmental	RoHS

WARRANTY	SPECS
PDU Warranty	5 years