Input Metered PDU

SKU#: ECX-MV1224040-E

The ECX-MV1224040-E input metered PDU distributes power to devices in the rack and offers real-time phase and circuit breaker metering and network monitoring of power loads for overload avoidance, capacity & load balancing, and energy use optimization. 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 ECXMV1224040-E can be managed by webUI, telnet or SSH, SNMP, or RESTful API.

Figure 1 - Input Metered PDU - ECX-MV1224040-E

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 PDU's
- 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	N/A
Outlet Switching	N/A
Network Management	Gigabit, 10/100/1000 BaseT
Locking IEC Outlets	W-lock cable support
Color Coded Outlets and Circuit Breakers	Yes
Field Replaceable Intelligence Module	Yes, hot-swappable

ELECTRICAL	SPECS
Acceptable Input Voltage	200-240 VAC, +6%, -10%
Input Current (Phase)	30A (24A derated)
Input Frequency	50/60 Hz
Input Power	5.0 kVA
Input Plug	NEMA L6-30P
Rated Output Current (Phase)	24A
Rated Output Current (Outlet)	C13: 10A, C19: 16A
Overload Protection (Internal)	(2) 20A, 2-pole, 5kAIC, hy-mag circuit breakers
Outlet Configuration	Total: (24)C13, (4)C19; Per Breaker: (12)C13, (2)C19

PHYSICAL	SPECS
Dimensions	51.5” x 2.17” x 2.09” (1309 x 55 x 53 mm)
Depth at Circuit Breaker, in (mm)	N/A
Input Cord Length, ft (m)	9.84’ (3m)

SPECIFICATIONS (CONTINUED)

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
Outlet Level Metering	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	Duration
PDU Warranty	2 Years