Input Metered PDU

SKU#: ECX-MV1730060-G

The ECX-MV1730060-G 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 control allows for future upgrade and enhanced MTTR. Up to 8 optional environmental sensors and security access handles can be connected and managed through the PDU. The ECX-MV1730060-G can be monitored through the embedded webUI, telnet, SNMP, or SSH interfaces.

Figure 1 - Input Metered PDU - ECX-MV1730060-G

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	(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, full hot-swappable

ELECTRICAL	SPECS
Acceptable Input Voltage	120 / 208 VAC, +6%, -10%
Input Current (Phase)	30A (24A derated, 3 phase)
Input Frequency	50/60 Hz
Input Power	8.6 kVA
Input Plug	NEMA L21-30P
Rated Output Current (Phase)	324A derated (3 phase)
Rated Output Current (Outlet)	C13: 10A, C19: 16A, 5-20R: 16A
Overload Protection (Internal)	(3) 20A, 2-pole, 5kAIC, hy-mag circuit breakers
Outlet Configuration	Total: (30)C13, (6)C19, (2) 5-20R Per Breaker: (10)C13, (2)C19, (2/0) 5-20R

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)

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