

Input Metered PDU

SKU#: ECX-MV1120040-N

The ECX-BV1730120-T basic PDU distributes power to devices in the rack configured with premium, high-temperature, branch-rated, hydraulic-magnetic circuit breakers. Color-coded outlets and circuit breakers allow easy identification of circuit configuration for reduced connectivity errors. Ultra-low-profile design reduces space when installed in the IT cabinet and improves airflow efficiency. The outlet layout is designed to alternate small groups of outlets by circuit breaker along the width of the PDU for improved load balancing.

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



Figure 1 - Input Metered PDU - ECX-MV1120040-N

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	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	200-240 VAC, +6%, -10%
Input Current (Phase)	16A
Input Frequency	50 Hz
Input Power	3.7 kVA
Input Plug	IEC 60309 316P6 (IP44)
Rated Output Current (Phase)	16A
Rated Output Current (Outlet)	C13: 10A, C19: 16A
Overload Protection (Internal)	N/A
Outlet Configuration	Total: (20)C13, (4)C19
PHYSICAL	
	SPECS
Dimensions	68.9" x 2.05" x 2.09" (1750 x 52 x 53 mm)
Depth at Circuit Breaker, in (mm)	N/A
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	5 Years

