

# Input Metered PDU

ECX-MV1724121-G



[www.enconnex.com](http://www.enconnex.com)  
+ 1 (833) TALK ECX  
[sales@enconnex.com](mailto:sales@enconnex.com)

The ECX-MV1724121-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-MV1724121-G can be monitored through the embedded webUI, telnet, SNMP, or SSH interfaces.

## 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	Yes, dual methods – Wlock and cable tie downs
Color Coded Outlets and Circuit Breakers	Yes
Field Replaceable Intelligence Module	Yes, full hot-swappable



## SPECIFICATIONS

ELECTRICAL	SPECS
Acceptable Input Voltage	200-240 VAC, +6%, -10%
Input Current (Phase)	30A (24A derated)
Input Frequency	50/60 Hz
Input Power	8.6 kVA
Input Plug	L21-30P
Rated Output Current (Phase)	24A derated (3 phase)
Rated Output Current (Outlet)	C13: 10A, C19: 16A
Overload Protection (Internal)	(3) 20A, 2-pole, 10kAIC, hy-mag circuit breakers
Outlet Configuration	Total: (24)C13, (12)C19; Per Breaker: (8)C13, (4)C19

PHYSICAL	SPECS
Dimensions	68.9" x 2.05" x 3.35" (1750 x 52 x 85 mm)
Depth at Circuit Breaker, in (mm)	3.35" (53mm)
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