

# Input Metered PDU

SKU#: ECX-MV1730121-T

The ECX-MV1730121-T 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 ECX-MV1730121-T can be managed by webUI, telnet or SSH, SNMP, or RESTful API.

## 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-MV1730121-T

## 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, hot-swappable  |
| <b>ELECTRICAL</b>                        | <b>SPECS</b>  |
| Acceptable Input Voltage                 | 400-415VAC, +6%, -10%   |
| Input Current (Phase)                    | 30A (24A derated, 3 phase)  |
| Input Frequency                          | 50/60 Hz  |
| Input Power                              | 17.3 kVA (NAM) / 22.1 kVA (EMEA)  |
| Input Plug                               | IEC60309 532P6 (IP44)   |
| Rated Output Current (Phase)             | 24A (3 phase)   |
| Rated Output Current (Outlet)            | C13: 10A, C19: 16A  |
| Overload Protection (Internal)           | (6) 20A, 1-pole, 10kAIC, hy-mag circuit breakers  |
| Outlet Configuration                     | Total: (30)C13, (12)C19; Per Breaker: (5)C13, (2)C19  |
| <b>PHYSICAL</b>                          | <b>SPECS</b>  |
| Dimensions                               | 68.9" x 2.17" x 2.09" (1750 x 55 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 | 5 Years  |

