

Input Metered, Outlet Switched PDU

ECX-SV1712120-T



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The ECX-SV1712120-T input metered, outlet switched PDU distributes power to devices in the rack and offers real-time phase and circuit breaker metering with network monitoring of power loads for overload avoidance, capacity & load balancing, and energy use optimization. Switched outlets allow power-up equipment sequencing, remote reboot, and outlet access control. 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. ECX-SV1712120-T can be monitored through the embedded webUI, telnet, SNMP, or SSH interfaces.

PRODUCT FEATURES

- Outlet access control
- Power sequencing
- Premium high temperature branch rated magnetic hydraulic circuit breaker
- Ultra-Low-profile design
- Alternate-branched outlets
- High Density outlet arrangement
- Real-time face 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 power sequencing
- 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 | 380 - 415 VAC, +6%, -10% |
| Input Current (Phase) | 32A (3 phase) |
| Input Frequency | 50 Hz |
| Input Power | 22.0 kVA |
| Input Plug | IEC 60309 532P6 (IP44) |
| Rated Output Current (Phase) | 32A (3 phase) |
| Rated Output Current (Outlet) | C13: 10A, C19: 16A |
| Overload Protection (Internal) | (6) 16A, 1-pole, 10kAIC, hy-mag circuit breakers |
| Outlet Configuration | Total: (12)C13, (12)C19; Per Breaker: (2)C13, (2)C19 |

| 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) |

| 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 |