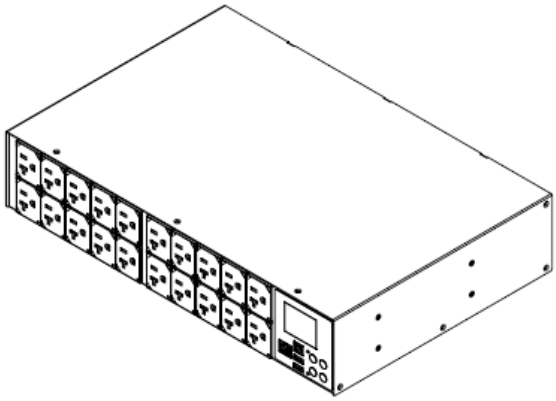
**PX3-4407R**
120V, 1Φ
16A, 1.9kVA

# Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4407R

rev20250625

## LINE DRAWING



## FEATURES

| | |
|---|---|
| **Energy Metering** | Voltage (V), Current (A), Active Power (kW), Real Power (kVA), Energy (kWh), Power Factor |
| **Metering Accuracy** | ISO/IEC 62053-21 1% (see page 3 for details) |
| **Metering per Input Line** | Yes |
| **Metering per Branch Circuit Breaker** | No |
| **Metering per Output Receptacle** | Yes |
| **Remote Outlet Switching** | No |
| **Environmental Sensor Ready** | Yes |
| **Replaceable Controller** | No |
| **Compatible Sensors** | Temperature, Humidity, Air Flow, Differential Pressure, Water Leak, and Contact Closure |
| **Networking** | Gigabit (10/100/1000 BaseT) Ethernet port; secondary, redundant (10/100 BaseT) Ethernet port. Optional WiFi (802.11a/b/g/n) |
| **Remote Management** | HTTP(s); SSH; Telnet; RS-232 (Serial); Power IQ; SNMP version v2/v3; SMTP; JSON-RPC; Modbus over TCP |
| **Cascading** | Yes, Max 32 PDUs can be daisy chained using a USB connection and 32 PDUs using Ethernet connection |
| **Onboard Display** | Color, matrix LCD display : Voltage, current, or active power (per line, or per receptacle /outlet); Alarms; Configuration information (name, ratings, IP / Networking information) |
| **Embedded Processor** | ARM Cortex A5 536MHZ (Atmel A5D35A), 16MB SPI Flash, 64MB DDR2 RAM |

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## INPUT

| | |
|---|---|
| **Input Plug** | NEMA L5-20P (2P3W), IP44 |
| **Cord Length** | 3 meters (9.84 feet) standard |
| **Cord Entry** | Rear feed |
| **Cable Type** | VCT 3G3.5 |
| **Number of Power Cords** | 1 |
| **Maximum Input Current** | 20A |
| **Nominal Input Voltage** | 120V |
| **Rated Input Voltage** | 100 - 120V |
| **Input Frequency** | 50/60Hz |
| **Power Capacity** | 1.6kVA at 100V, 1.9kVA at 120V |

## OUTPUT

| | |
|---|---|
| **Nominal Output Voltage** | 120V |
| **Rated Output Voltage** | 100 - 120V |
| **Receptacles (Output Connections)** | (20) NEMA 5-20R, 16A |
| **Securelock Support** | No |
| **Cord Retention** | No |
| **Overload Protection** | N/A |

## PHYSICAL

| | |
|---|---|
| **Color** | Black powder coat (custom colors available) |
| **Unit Dimensions (WxDxH)** | 17.3" x 11.5" x 3.5" ; 440mm x 293mm x 88mm |
| **Unit Weight** | 4.4 kg |
| **Shipping Weight** | 9.1 kg |
| **Shipping Dimensions (WxDxH)** | 22.05" x 21.73" x 11.18" ; 560mm x 552mm x 284mm |
| **Mounting** | RACK-KIT-PX-2U |

# Technical Specifications / Engineering Submittals

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## ENVIRONMENTAL

| | |
|---|---|
| **Operating Temperature** | 60°C |
| **Operating Relative Humidity** | 85% |
| **Operating Elevation** | 0-6000ft |

## CONFORMANCE

| | |
|---|---|
| **Regulatory Approvals** | UL Listed, Canada ICES-003, Part 15 Class A of the FCC rules, RoHS compliant |
| **Warranty** | Standard 2 years manufacturer warranty |

## ACCURACY

| | **Input Measurement** | **Output Measurement** |
|---|---|---|
| **LCD & GUI Current** | ±1% at 0.1 A resolution | ±1% at 0.1 A resolution |
| **Voltage** | ±1% at 0.1 V resolution | ±1% at 0.1 V resolution |
| **Active Power** | ±1% at 1 W resolution | ±1% at 1 W resolution |
| **Apparent Power** | ±1% at 1 VA resolution | ±1% at 1 VA resolution |
| **Power Factor** | ±1% at 0.1 resolution | ±1% at 0.1 resolution |
| **Active Energy** | ±1% at 0.1 kWh resolution | ±1% at 0.1 kWh resolution |

# Technical Specifications / Engineering Submittals

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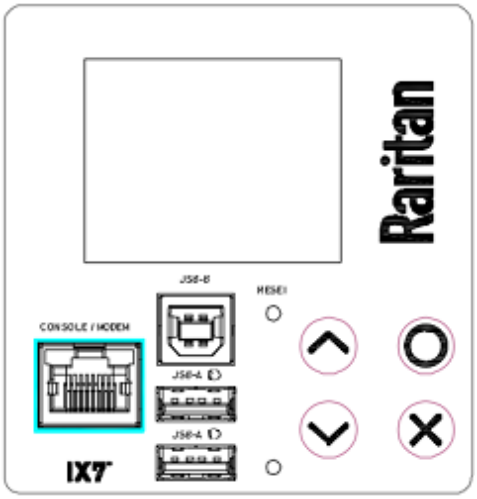
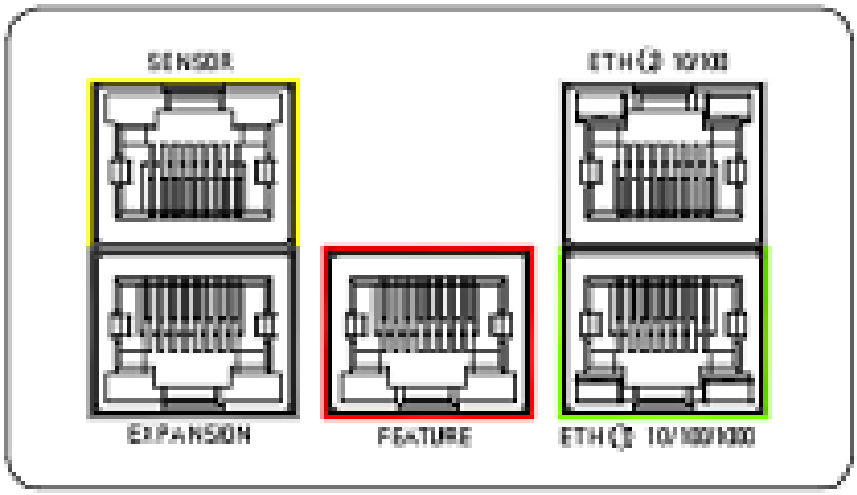
## CONTROL PANEL




## CONTROL PANEL2



# Technical Specifications / Engineering Submittals

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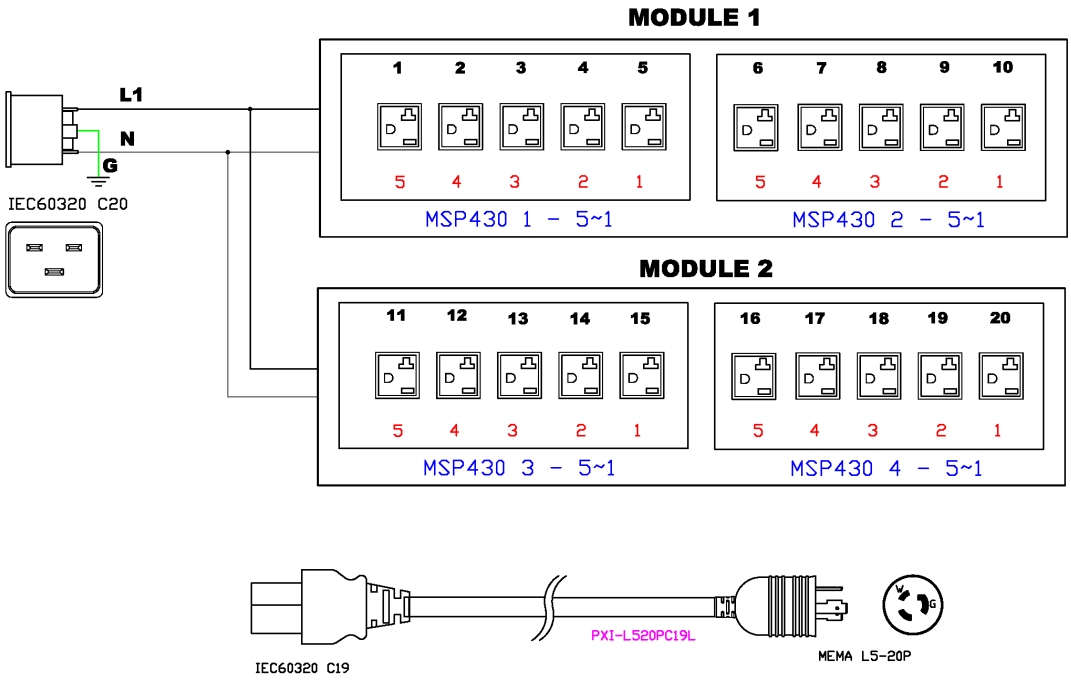
## ELECTRICAL (ONE LINE) DIAGRAM



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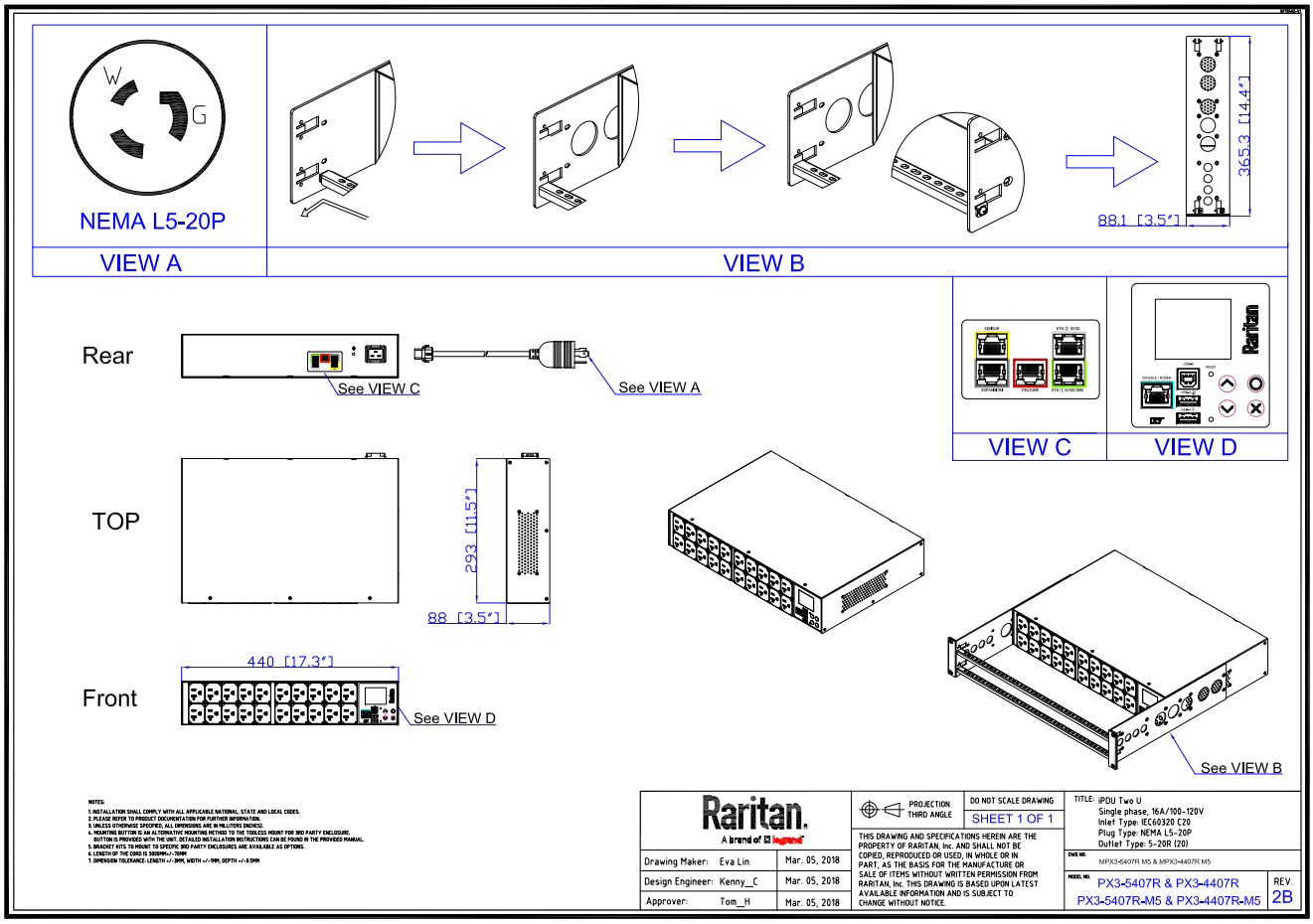
## MECHANICAL DIAGRAM



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## TRIP CURVE

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