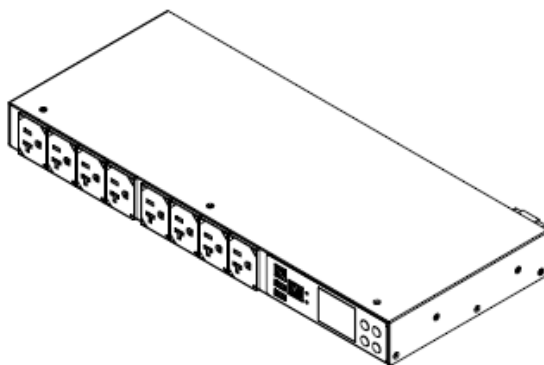


## Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-5145JR

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### 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	Yes
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 5-15P (2P3W), IP44
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Rear feed
Cable Type	SJT 3C#14
Number of Power Cords	1
Maximum Input Current	15A
Nominal Input Voltage	100V
Rated Input Voltage	100 - 120V
Input Frequency	50/60Hz
Power Capacity	1.5kVA at 100V, 1.8kVA at 120V

### OUTPUT

Nominal Output Voltage	100V
Rated Output Voltage	100 - 120V
Receptacles (Output Connections)	(8) NEMA 5-20R, 20A
Securelock Support	No
Cord Retention	No
Overload Protection	N/A

### PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	17.3" x 7.2" x 1.7" ; 440mm x 183mm x 44mm
Unit Weight	5 kg
Shipping Weight	5.65 kg
Shipping Dimensions (WxDxH)	22.44" x 16.34" x 12.6" ; 570mm x 415mm x 320mm
Mounting	RACK-KIT-DPX-1U

## Technical Specifications / Engineering Submittals

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### ENVIRONMENTAL

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

### CONFORMANCE

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

### ACCURACY

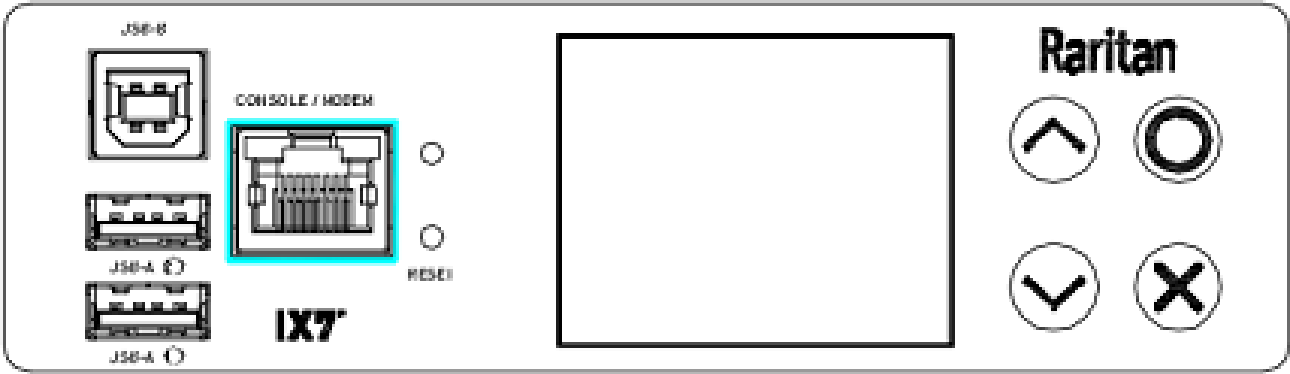
	Input Measurement	Output Measurement
LCD & GUI Current	±1% at 0.1 A resolution	±1% at 0.1 A resolution
Voltage	±1% at 0.1 V resolution	±1% at 0.1 V resolution
Active Power	±1% at 1 W resolution	±1% at 1 W resolution
Apparent Power	±1% at 1 VA resolution	±1% at 1 VA resolution
Power Factor	±1% at 0.1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

**Technical Specifications / Engineering Submittals**

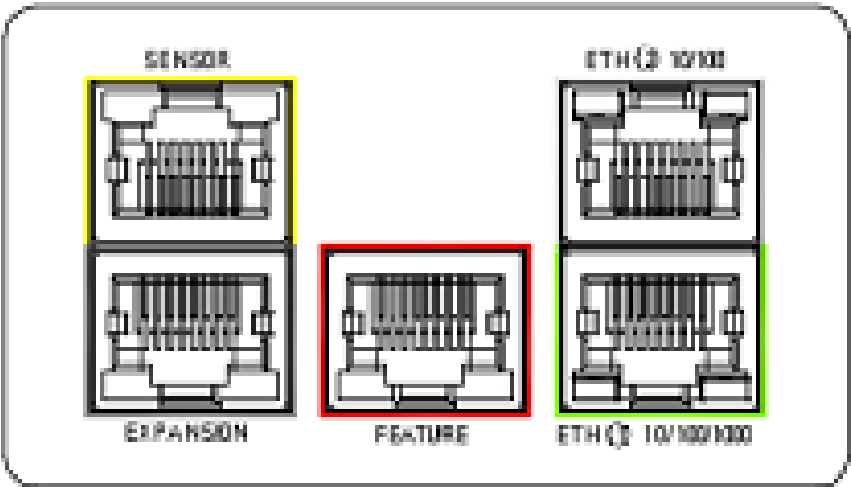
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**CONTROL PANEL**



**CONTROL PANEL2**

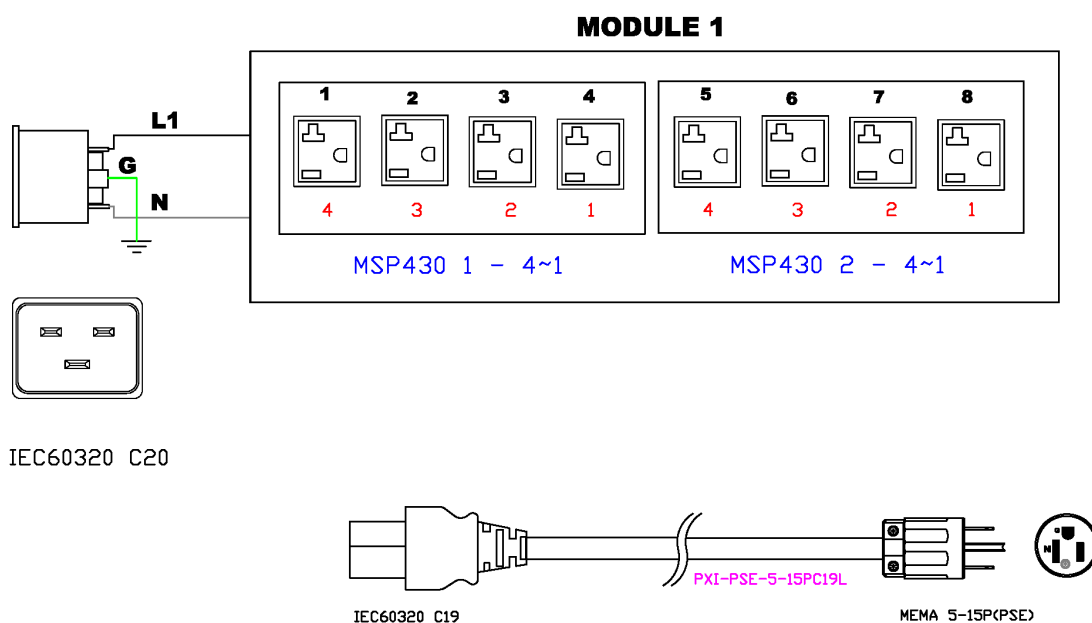


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### ELECTRICAL (ONE LINE) DIAGRAM

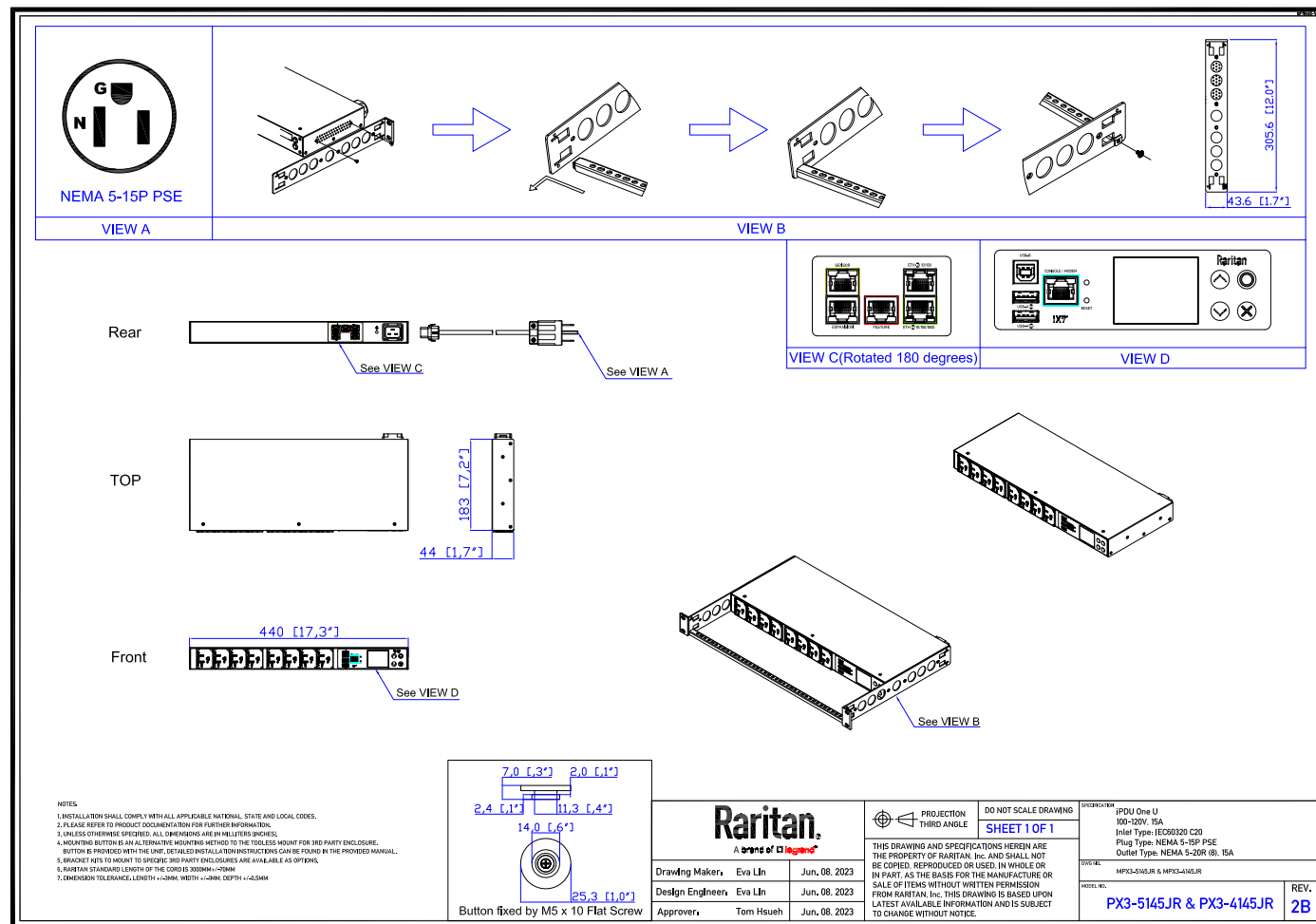


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### MECHANICAL DIAGRAM



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### TRIP CURVE

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