Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-1488CV   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	No
Remote Outlet Switching	No
Environmental Sensor Ready	Yes
Replaceable Controller	Yes
Compatible Sensors	Temperature, Humidity, Air Flow, Differential Pressure, Water Leak, and Contact Closure
Networking	Gigabit (10/100/1000 BaseT) Ethernet port; secondary, redundant (10/100/1000 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); Alarms; Configuration information (name, ratings, IP / Networking information); Auto-flip orientation
Embedded Processor	ARM Cortex A5 536MHZ (Atmel A5D35A), 16MB SPI Flash, 64MB DDR2 RAM

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INPUT

Input Plug	IEC 60320 C20 (2P3W), IP44
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Bottom-bottom feed
Cable Type	SJT 3C#16
Number of Power Cords	1
Maximum Input Current	16A
Nominal Input Voltage	230V
Rated Input Voltage	200 - 240V
Input Frequency	50/60Hz
Power Capacity	3.2kVA at 200V, 3.8kVA at 240V

OUTPUT

Nominal Output Voltage	230V
Rated Output Voltage	200 - 240V
Receptacles (Output Connections)	(20) IEC320 C13, 10A (4) IEC320 C19, 16A
Securelock Support	Yes
Cord Retention	Yes
Overload Protection	N/A

PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	2.1" x 1.7" x 51.1" ; 52mm x 43mm x 1298mm
Unit Weight	3.1 kg
Shipping Weight	5.4 kg
Shipping Dimensions (WxDxH)	9.06" x 4.65" x 62.13" ; 230mm x 118mm x 1578mm
Mounting	Tool-less button mount

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ENVIRONMENTAL

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

CONFORMANCE

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

ACCURACY

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

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CONTROL PANEL
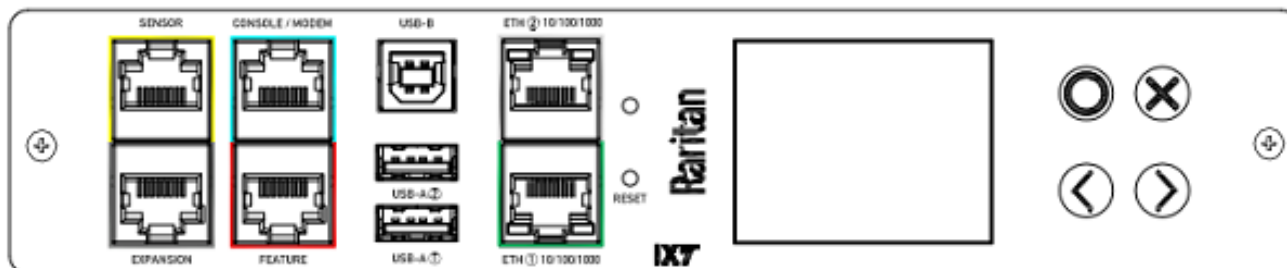
Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-1488CV

ELECTRICAL (ONE LINE) DIAGRAM

Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-1488CV

rev20250625

MECHANICAL DIAGRAM

VIEW A

IEC60309 16A

VIEW B

24,0 [0,9"]　　30,6 [1,2"]

VIEW C

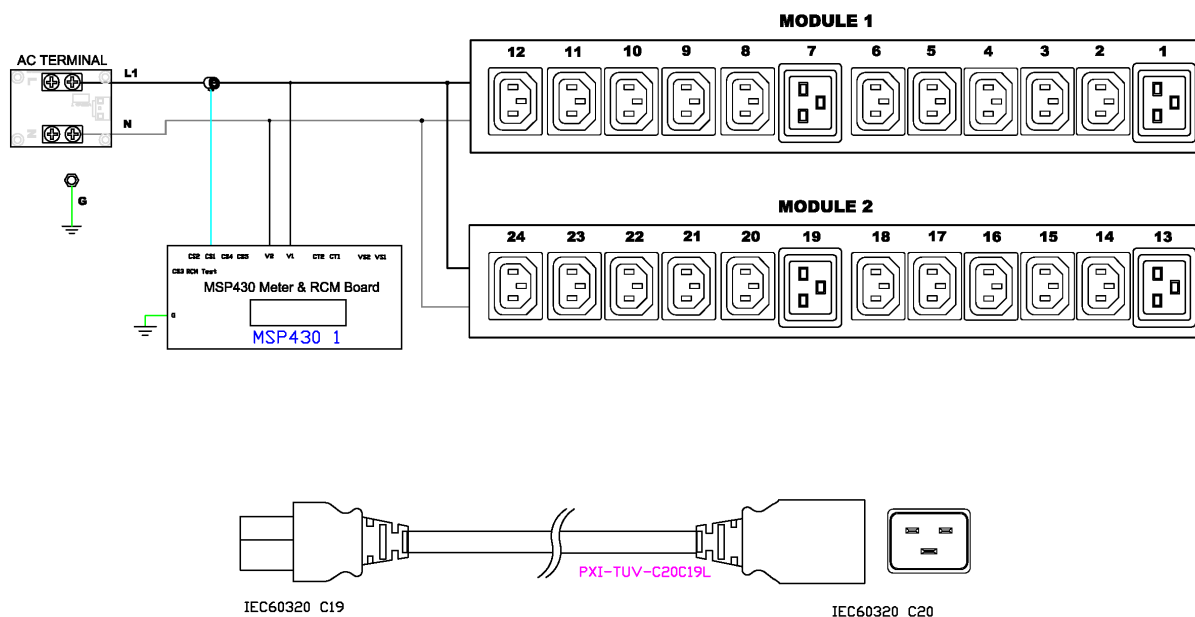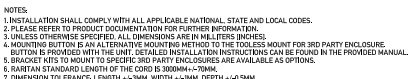SENSOR　CONSOLE / MODEM　USB-B　ETH② 10/100/1000
EXPANSION　FEATURE　USB-A①　ETH① 10/100/1000
USB-A②
RESET

Raritan

See VIEW A

1298 [51,1"]　　52 [2,1"]

See VIEW B　　See VIEW C

43 [1,7"]

182,4 [7,2"]　　933 [36,7"]

7,0 [,3"]　2,0 [,1"]
2,4 [,1"]　11,3 [,4"]
14,0 [,6"]
25,3 [1,0"]
Button fixed by M5 x 10 Flat Screw

NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. PLEASE REFER TO PRODUCT DOCUMENTATION FOR FURTHER INFORMATION.
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLITERS [INCHES].
4. MOUNTING BUTTON IS AN ALTERNATIVE MOUNTING METHOD TO THE TOOLESS MOUNT FOR 3RD PARTY ENCLOSURE. BUTTON IS PROVIDED WITH THE UNIT. DETAILED INSTALLATION INSTRUCTIONS CAN BE FOUND IN THE PROVIDED MANUAL.
5. BRACKET KITS TO MOUNT TO SPECIFIC 3RD PARTY ENCLOSURES ARE AVAILABLE AS OPTIONS.
6. RARITAN STANDARD LENGTH OF THE CORD IS 3000MM+/−70MM.
7. DIMENSION TOLERANCE LENGTH +/−3MM, WIDTH +/−1MM, DEPTH +/−0,5MM.

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PROJECTION THIRD ANGLE

DO NOT SCALE DRAWING
SHEET 1 OF 1

Drawing Maker:	Tom Hsueh	Jul. 09. 2019
Design Engineer:	Tom Hsueh	Jul. 09. 2019
Approver:	Tom Hsueh	Jul. 09. 2019

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TITLE: IPDU Zero U
Single Phase, 16A/200-240V
Inlet Type: IEC60320 C20
Plug Type: IEC60309 16A
Outlet Type: C13 (20), C19 (4)

DWG NO. MPX3-1488CV
MODEL NO. **PX3-1488CV**
REV. **2A**

TRIP CURVE

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