Technical Specifications / Engineering Submittals
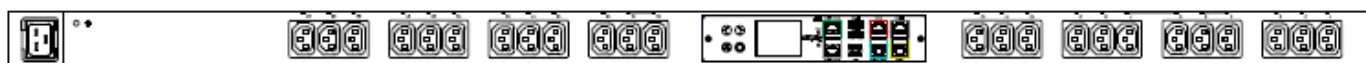Raritan Model Number: PX3-1480   rev20250625

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

Raritan

A brand of **legrand**

Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-1480

INPUT

Input Plug	NEMA 6-20P (2P3W), IP44
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Bottom-front feed
Cable Type	SJT 3C#12
Number of Power Cords	1
Maximum Input Current	20A
Nominal Input Voltage	208V
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)	(24) IEC320 C13, 12A
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	3.2 kg
Shipping Weight	5.7 kg
Shipping Dimensions (WxDxH)	7.28" x 7.28" x 55.43" ; 185mm x 185mm x 1408mm
Mounting	RACK-KIT-PX2-1K-ZU

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-1480

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
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

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-1480

CONTROL PANEL
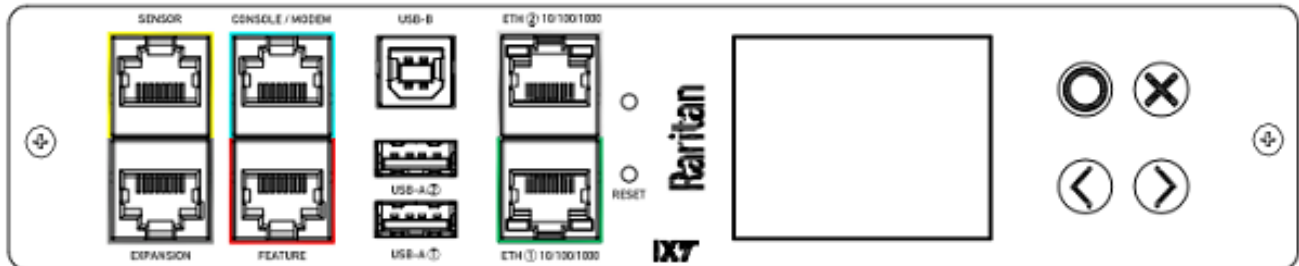
Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-1480

ELECTRICAL (ONE LINE) DIAGRAM

IEC60320 C20

MODULE 1
12 11 10 9 8 7 6 5 4 3 2 1

MODULE 2
24 23 22 21 20 19 18 17 16 15 14 13

L1
L2
G

MSP430 Meter & RCM Board
MSP430 1

IEC60320 C19

PXI-6-20PC19L

NEMA 6-20P

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-1480

rev20250625

MECHANICAL DIAGRAM

NEMA 6-20P

VIEW A

24,0 [0,9"]

VIEW B

Option A   Option B   Rack mount L type detailed

VIEW C

Mounting Bracket Installation Diagram

See VIEW A
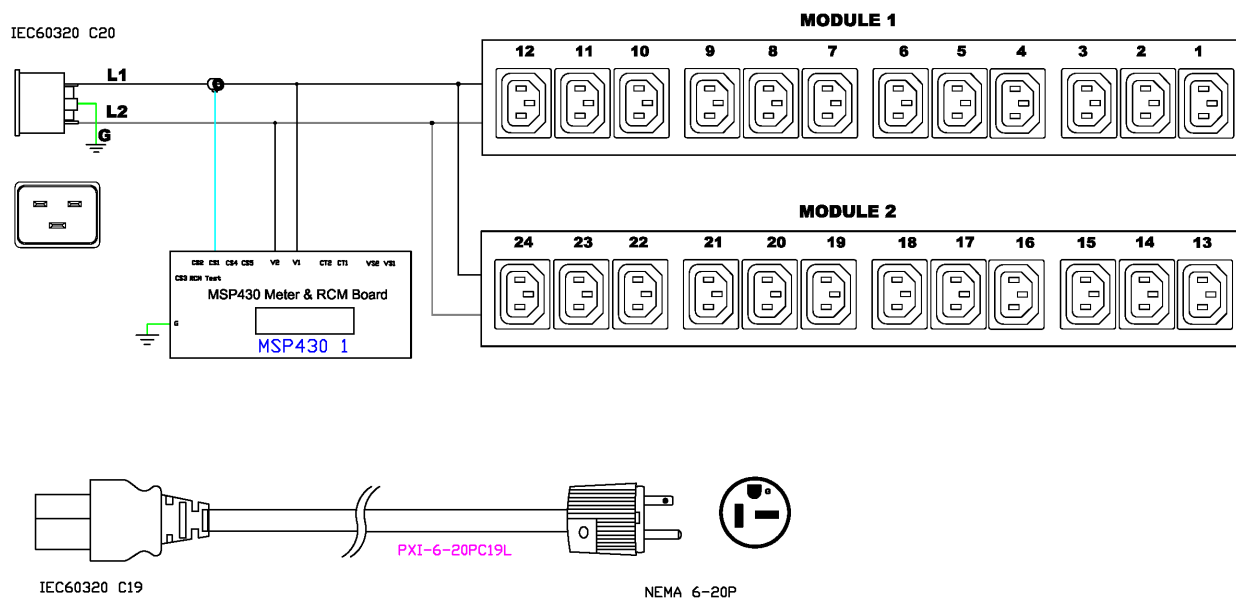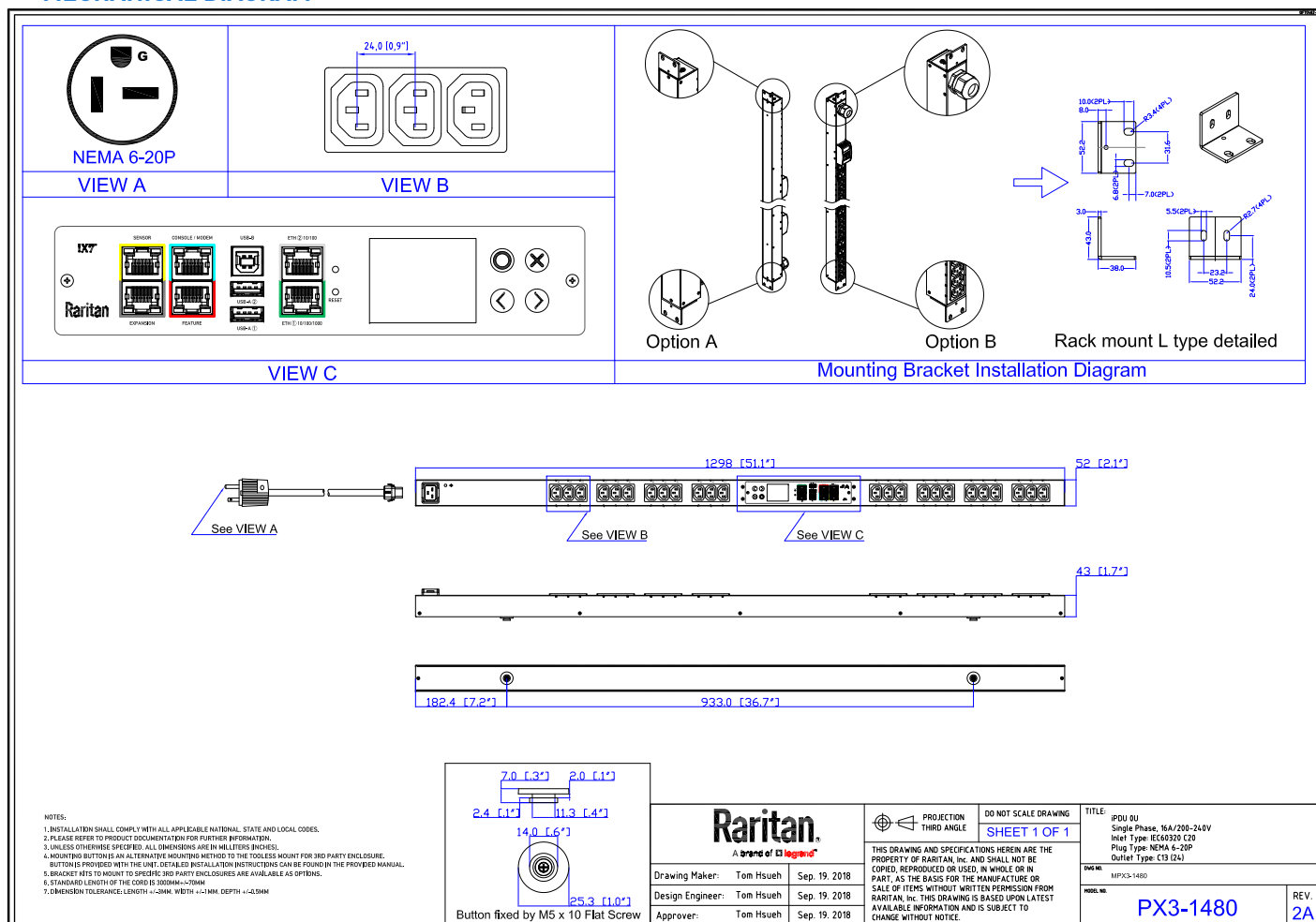
1298 [51,1"]   52 [2,1"]

See VIEW B   See VIEW C

43 [1,7"]

182.4 [7,2"]   933.0 [36,7"]

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. STANDARD LENGTH OF THE CORD IS 3000MM+/−70MM
7. DIMENSION TOLERANCE: LENGTH +/−3MM, WIDTH +/−1MM, DEPTH +/−0.5MM

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

PROJECTION THIRD ANGLE	DO NOT SCALE DRAWING	TITLE: iPDU 0U
	SHEET 1 OF 1	Single Phase, 16A/200-240V

Inlet Type: IEC60320 C20
Plug Type: NEMA 6-20P
Outlet Type: C13 (24)

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Drawing Maker:	Tom Hsueh	Sep. 19. 2018
Design Engineer:	Tom Hsueh	Sep. 19. 2018
Approver:	Tom Hsueh	Sep. 19. 2018

DWG NO. MPX3-1480
MODEL NO.

PX3-1480   REV. 2A

TRIP CURVE

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