Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-4418X2YU-V2   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	Yes
Metering per Output Receptacle	Yes
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, per breaker, or per receptacle / outlet); 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	AC Terminal (N/A)
Cord Length	N/A
Cord Entry	Top-end feed
Cable Type	N/A
Number of Power Cords	N/A
Maximum Input Current	69A
Nominal Input Voltage	208V 3 phase
Rated Input Voltage	208 - 240V 3 phase
Input Frequency	50/60Hz
Power Capacity	53.7kVA at 208V, 61.9kVA at 240V

OUTPUT

Nominal Output Voltage	208V
Rated Output Voltage	208 - 240V
Receptacles (Output Connections)	(3) IEC320 C13, 12A (24) IEC320 C19, 16A
Securelock Support	No
Cord Retention	Yes
Overload Protection	(15) LEGBX66-20, 5KAIC

PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	2.8" x 3.5" x 79.9" ; 71mm x 89mm x 2030mm
Unit Weight	13.8 kg
Shipping Weight	16.3 kg
Shipping Dimensions (WxDxH)	11.22" x 5.31" x 85.59" ; 285mm x 135mm x 2174mm
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	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
Branch Measurement		
Current	±1% at 0.1 A resolution	

Technical Specifications / Engineering Submittals
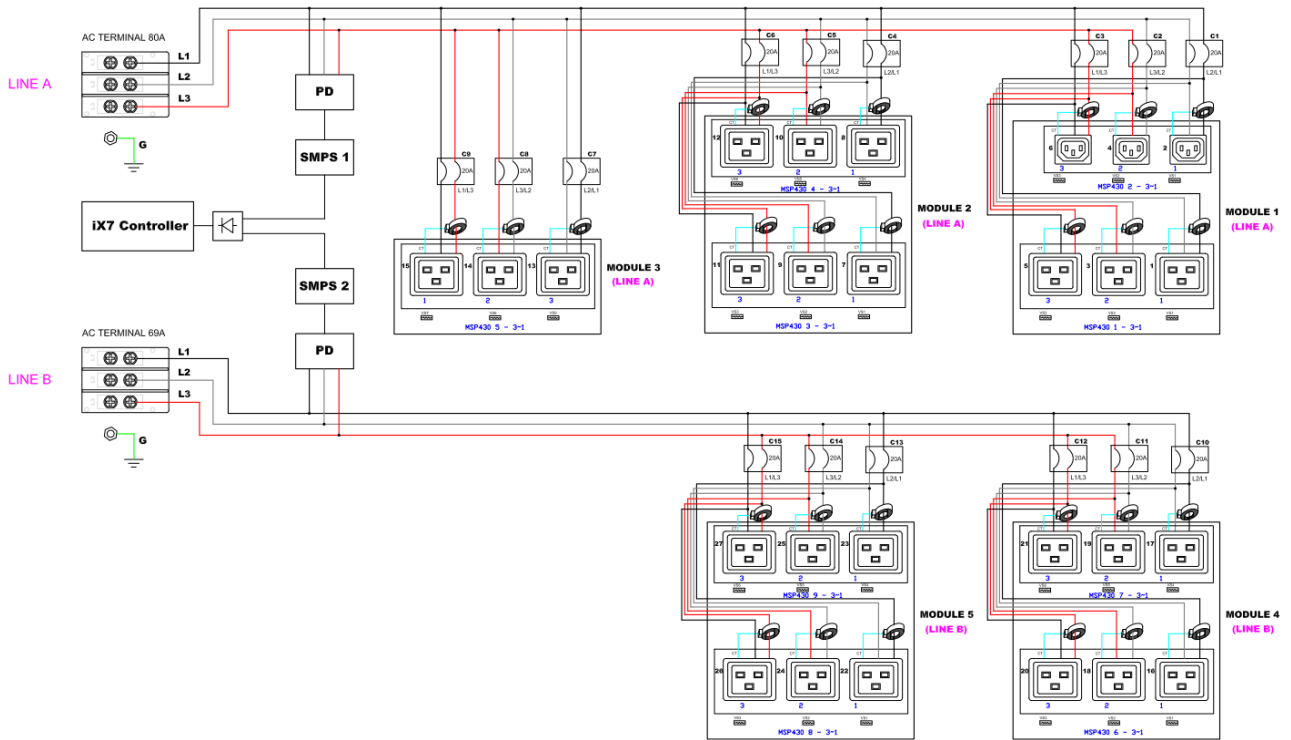Raritan Model Number: PX3-4418X2YU-V2   rev20250625

CONTROL PANEL

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4418X2YU-V2   rev20250625

ELECTRICAL (ONE LINE) DIAGRAM
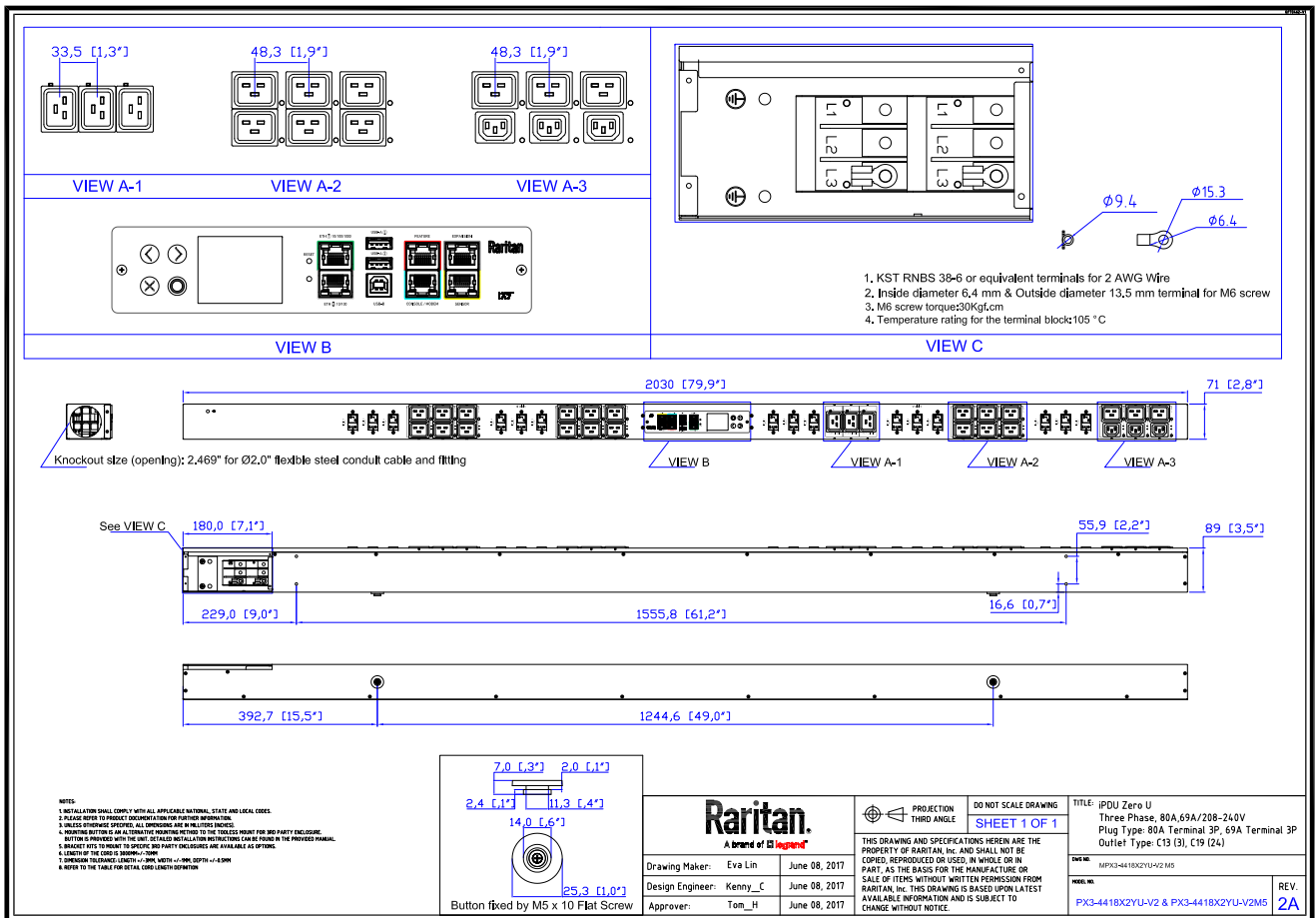
Technical Specifications / Engineering Submittals

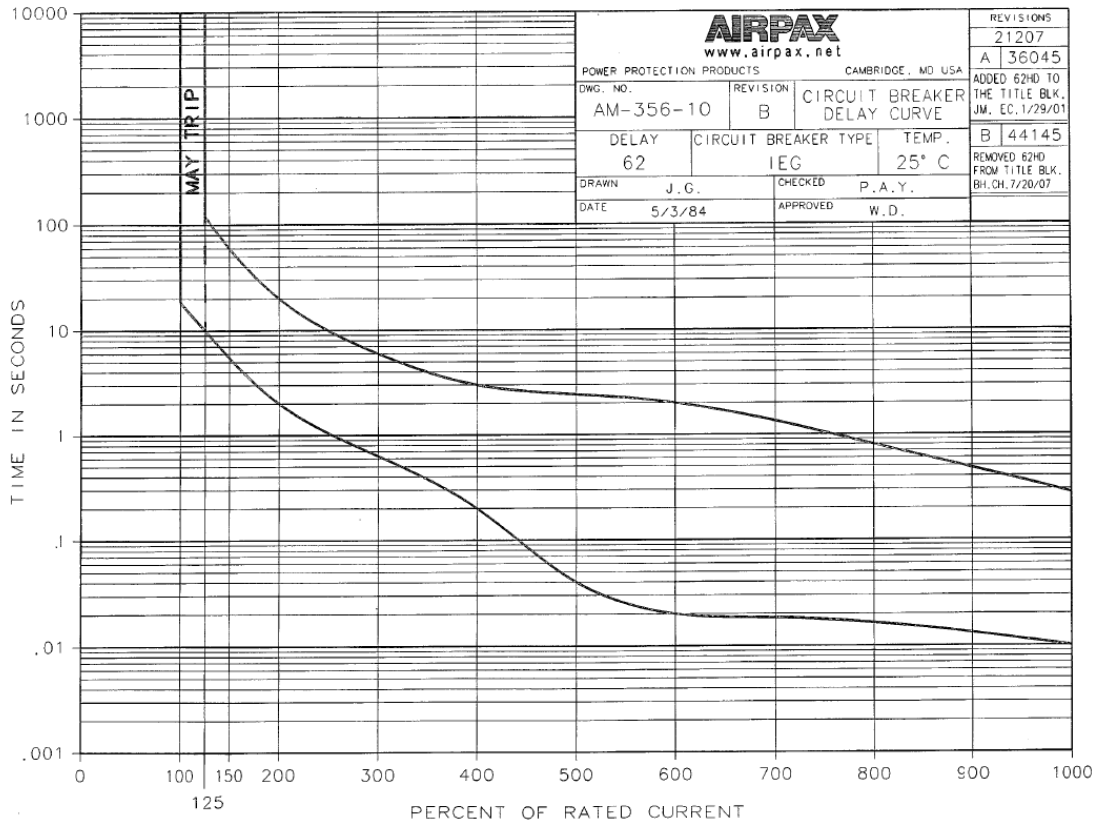Raritan Model Number: PX3-4418X2YU-V2 rev20250625

MECHANICAL DIAGRAM

VIEW A-1 VIEW A-2 VIEW A-3

33,5 [1,3"] 48,3 [1,9"] 48,3 [1,9"]

VIEW B VIEW C

1. KST RNBS 38-6 or equivalent terminals for 2 AWG Wire
2. Inside diameter 6.4 mm & Outside diameter 13.5 mm terminal for M6 screw
3. M6 screw torque:30Kgf.cm
4. Temperature rating for the terminal block:105 °C

Knockout size (opening): 2.469" for Ø2.0" flexible steel conduit cable and fitting

2030 [79,9"] 71 [2,8"]

VIEW B VIEW A-1 VIEW A-2 VIEW A-3

See VIEW C 180,0 [7,1"] 55,9 [2,2"] 89 [3,5"]

229,0 [9,0"] 1555,8 [61,2"] 16,6 [0,7"]

392,7 [15,5"] 1244,6 [49,0"]

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 TOOLLESS 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. LENGTH OF THE CORD IS 3000MM+/-70MM
7. DIMENSION TOLERANCE: LENGTH +/-3MM, WIDTH +/-1MM, DEPTH +/-0.5MM
8. REFER TO THE TABLE FOR DETAIL CORD LENGTH DEFINITION

PROJECTION THIRD ANGLE

DO NOT SCALE DRAWING
SHEET 1 OF 1

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Drawing Maker:	Eva Lin	June 08, 2017
Design Engineer:	Kenny_C	June 08, 2017
Approver:	Tom_H	June 08, 2017

TITLE: iPDU Zero U
Three Phase, 80A,69A/208-240V
Plug Type: 80A Terminal 3P, 69A Terminal 3P
Outlet Type: C13 (3), C19 (24)

DWG NO.
MPX3-4418X2YU-V2 M5

MODEL NO.
PX3-4418X2YU-V2 & PX3-4418X2YU-V2M5

REV.
2A

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TRIP CURVE

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