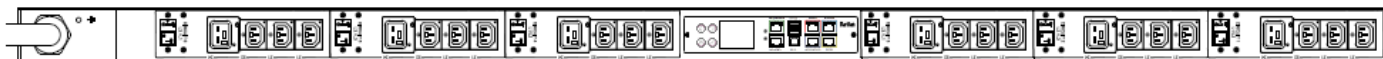# Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4537-E2N3V2   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

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4537-E2N3V2

INPUT

Input Plug	CS8365C (3P4W), IP20
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Bottom-front feed
Cable Type	SOOW 4C#8
Number of Power Cords	1
Maximum Input Current	50A
Nominal Input Voltage	208V 3 phase
Rated Input Voltage	208 - 240V 3 phase
Input Frequency	50/60Hz
Power Capacity	14.4kVA at 208V, 16.6kVA at 240V

OUTPUT

Nominal Output Voltage	208V
Rated Output Voltage	208 - 240V
Receptacles (Output Connections)	(18) IEC60320 C13 Locking, 12A (6) IEC60320 C19 Locking, 16A
Securelock Support	Yes
Cord Retention	No
Overload Protection	(6) LEGBX66-20, 5KAIC

PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	2.6" x 2.8" x 66.0" ; 65mm x 71mm x 1676mm
Unit Weight	TBD
Shipping Weight	TBD
Shipping Dimensions (WxDxH)	11.22" x 5.31" x 78.58" ; 285mm x 135mm x 1996mm
Mounting	Tool-less button mount

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4537-E2N3V2

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: PX3-4537-E2N3V2

CONTROL PANEL

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4537-E2N3V2

ELECTRICAL (ONE LINE) DIAGRAM

HUBBELL CS8365C

L1
L2
L3
G

C1 20Ax2 L1/L2
C4 20Ax2 L1/L2
C2 20Ax2 L2/L3
C5 20Ax2 L2/L3
C3 20Ax2 L3/L1
C6 20Ax2 L3/L1

MODULE 4 — 16 15 14 13 — MSP430 4 – 4~1
MODULE 1 — 4 3 2 1 — MSP430 1 – 4~1
MODULE 5 — 20 19 18 17 — MSP430 5 – 4~1
MODULE 2 — 8 7 6 5 — MSP430 2 – 4~1
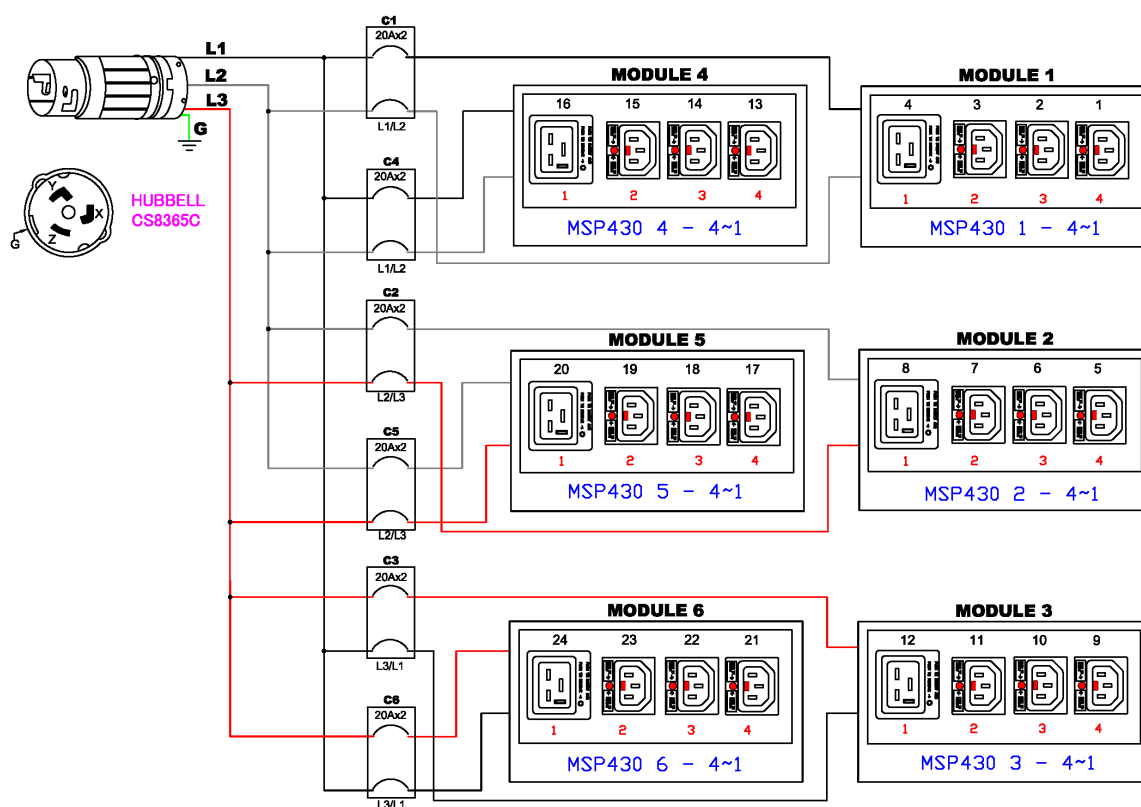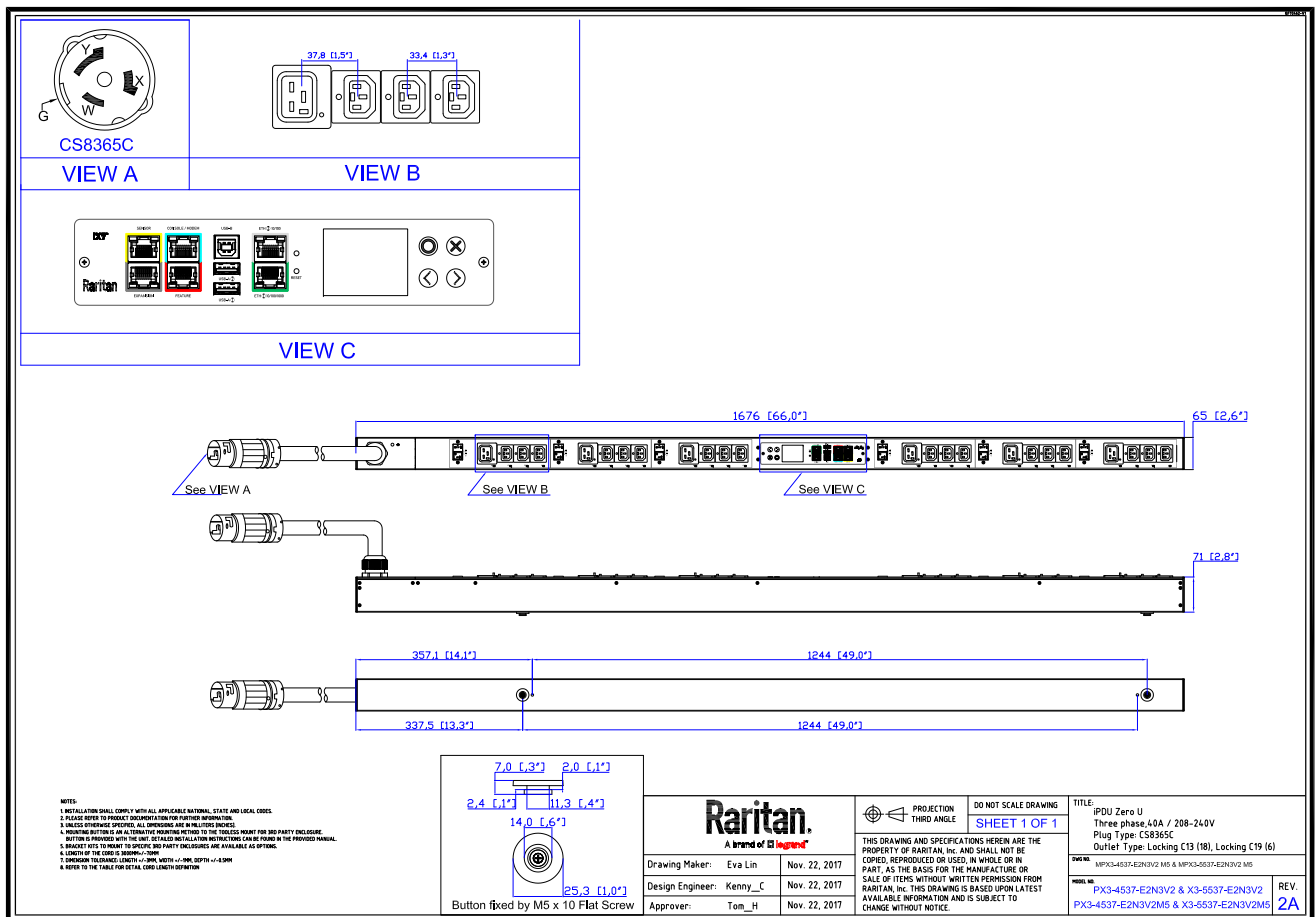**MODULE 6** — 24 23 22 21 — MSP430 6 – 4~1
MODULE 3 — 12 11 10 9 — MSP430 3 – 4~1

Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-4537-E2N3V2   rev20250625

MECHANICAL DIAGRAM

VIEW A — CS8365C
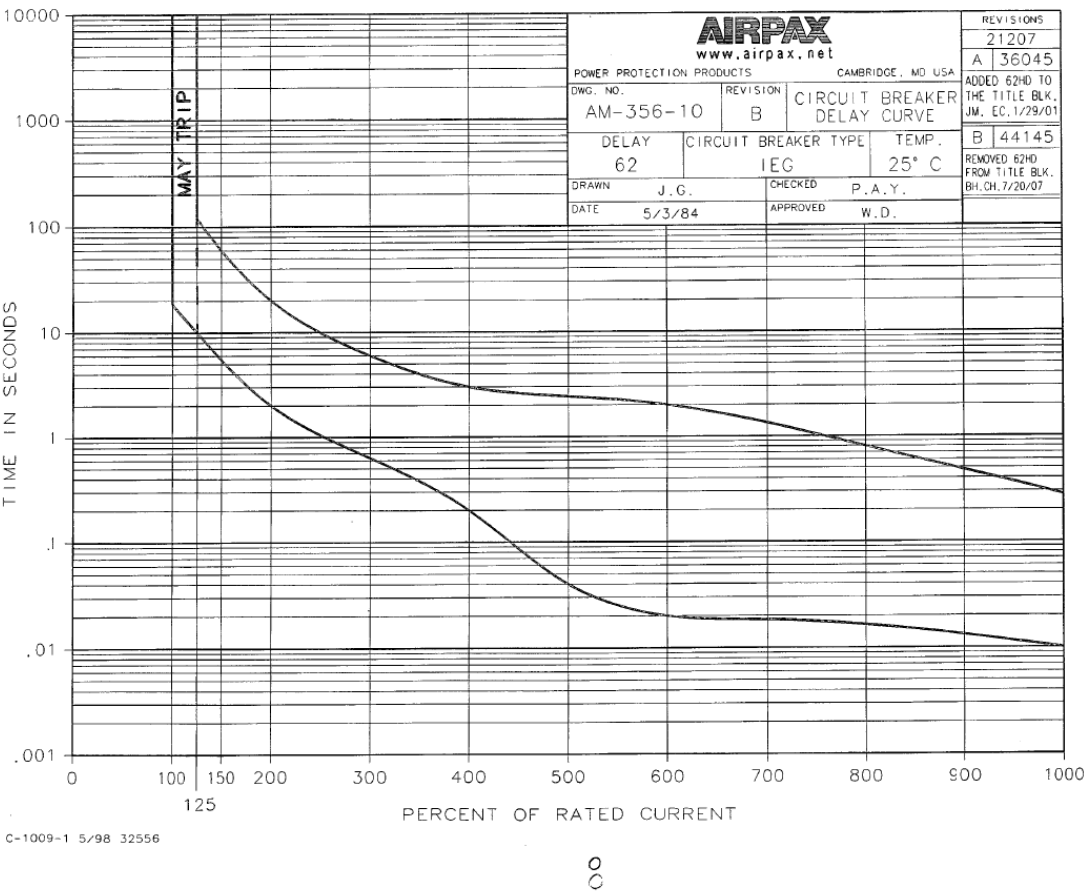
VIEW B — 37,8 [1,5"], 33,4 [1,3"]

VIEW C

1676 [66,0"]

65 [2,6"]

See VIEW A

See VIEW B

See VIEW C

71 [2,8"]

357,1 [14,1"]   1244 [49,0"]

337,5 [13,3"]   1244 [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 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. LENGTH OF THE CORD IS 3000MM+/-70MM
7. DIMENSION TOLERANCE: LENGTH +/-3MM, WIDTH +/-1MM, DEPTH +/-0.9MM
8. REFER TO THE TABLE FOR DETAIL CORD LENGTH DEFINITION

PROJECTION THIRD ANGLE

DO NOT SCALE DRAWING

SHEET 1 OF 1

TITLE:
iPDU Zero U
Three phase,40A / 208-240V
Plug Type: CS8365C
Outlet Type: Locking C13 (18), Locking C19 (6)

Drawing Maker:	Eva Lin	Nov. 22, 2017
Design Engineer:	Kenny__C	Nov. 22, 2017
Approver:	Tom__H	Nov. 22, 2017

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DWG NO. MPX3-4537-E2N3V2 M5 & MPX3-5537-E2N3V2 M5

MODEL NO.
PX3-4537-E2N3V2 & X3-5537-E2N3V2
PX3-4537-E2N3V2M5 & X3-5537-E2N3V2M5

REV. 2A

TRIP CURVE

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