Technical Specifications / Engineering Submittals
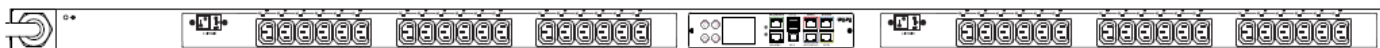Raritan Model Number: PX3-5841

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	Yes
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

Raritan

A brand of legrand

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-5841

rev20250625

INPUT

Input Plug	NEMA L6-30P (2P3W), IP44
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Bottom-front feed
Cable Type	SOOW 3C#10
Number of Power Cords	1
Maximum Input Current	30A
Nominal Input Voltage	208V
Rated Input Voltage	200 - 240V
Input Frequency	50/60Hz
Power Capacity	4.8kVA at 200V, 5.8kVA at 240V

OUTPUT

Nominal Output Voltage	208V
Rated Output Voltage	200 - 240V
Receptacles (Output Connections)	(36) IEC320 C13, 12A
Securelock Support	Yes
Cord Retention	Yes
Overload Protection	(2) LEGBXA66-20, 5KAIC

PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	2.1" x 2.6" x 70.1" ; 52mm x 65mm x 1780mm
Unit Weight	6.4 kg
Shipping Weight	8.6 kg
Shipping Dimensions (WxDxH)	9.06" x 4.65" x 75.2" ; 230mm x 118mm x 1910mm
Mounting	G2-RACK-FOR-ZU

Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-5841

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
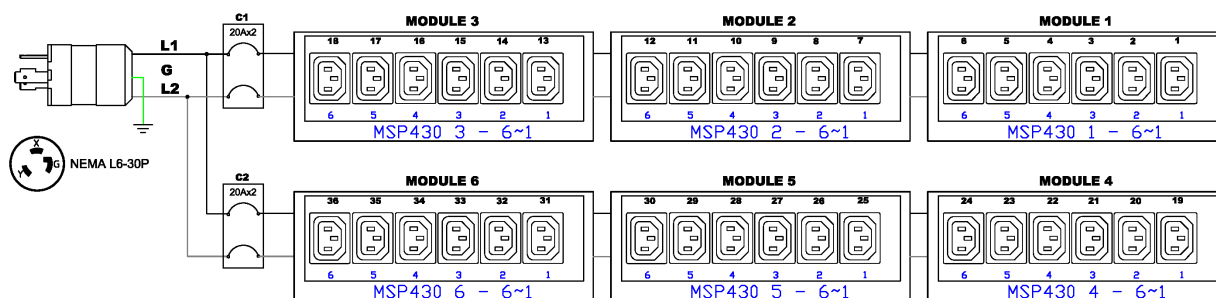
Raritan Model Number: PX3-5841

CONTROL PANEL

Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-5841

ELECTRICAL (ONE LINE) DIAGRAM

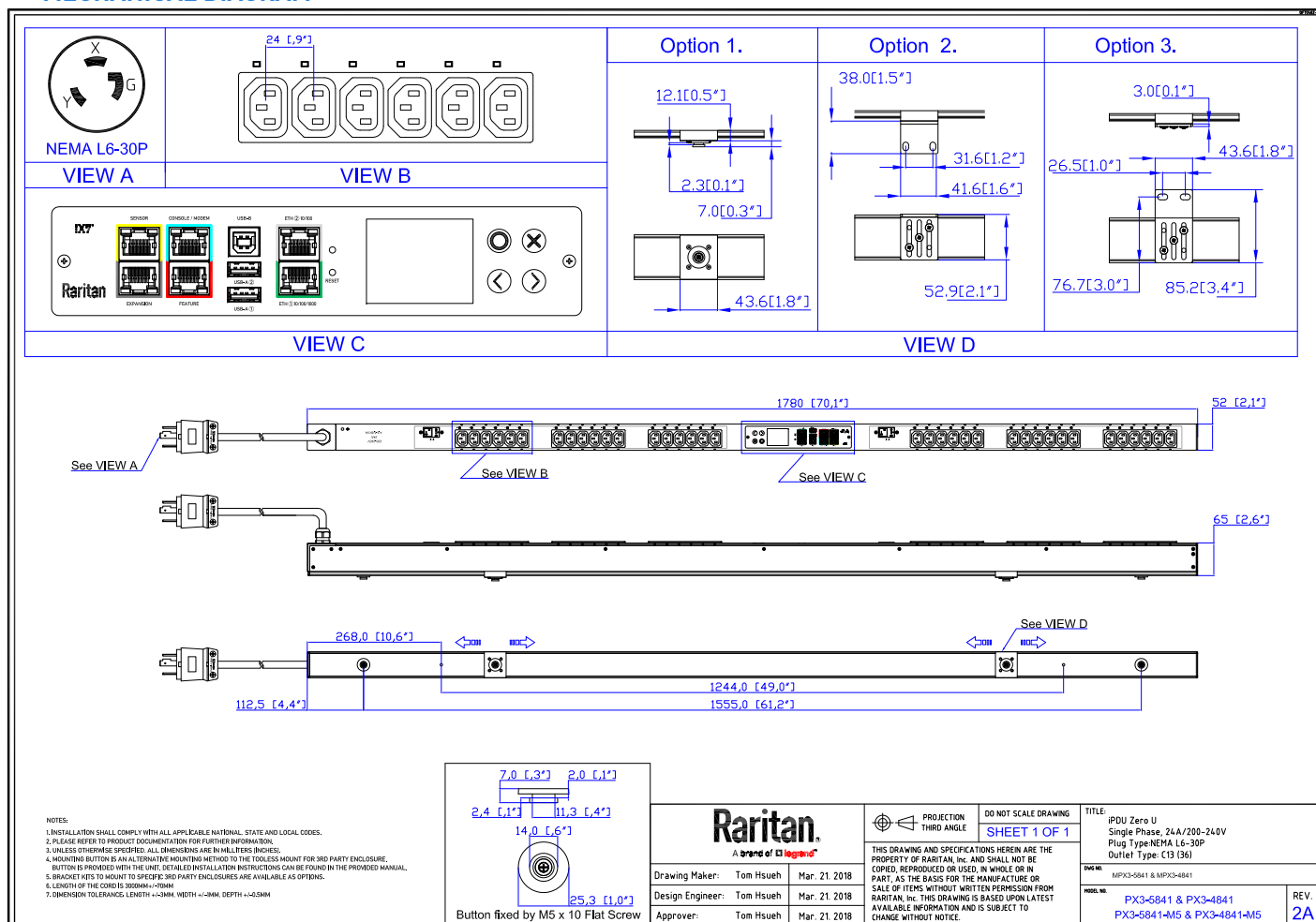# Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-5841

rev20250625

MECHANICAL DIAGRAM

NEMA L6-30P

VIEW A

24 [,9"]

VIEW B

Option 1.
12.1[0.5"]
2.3[0.1"]
7.0[0.3"]
43.6[1.8"]

Option 2.
38.0[1.5"]
31.6[1.2"]
41.6[1.6"]
52.9[2.1"]

Option 3.
3.0[0.1"]
43.6[1.8"]
26.5[1.0"]
76.7[3.0"]
85.2[3.4"]

VIEW C

VIEW D

See VIEW A

See VIEW B

See VIEW C

1780 [70,1"]

52 [2,1"]

65 [2,6"]

See VIEW D

268,0 [10,6"]

112,5 [4,4"]

1244,0 [49,0"]

1555,0 [61,2"]

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 +/-3MM, DEPTH +/-0.5MM

PROJECTION THIRD ANGLE	DO NOT SCALE DRAWING	TITLE: iPDU Zero U Single Phase, 24A/200-240V Plug Type:NEMA L6-30P Outlet Type: C13 (36)
	SHEET 1 OF 1	

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF RARITAN, Inc. AND SHALL NOT BE COPIED, REPRODUCED OR USED, IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM RARITAN, Inc. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

Drawing Maker:	Tom Hsueh	Mar. 21. 2018
Design Engineer:	Tom Hsueh	Mar. 21. 2018
Approver:	Tom Hsueh	Mar. 21. 2018

DWG NO. MPX3-5841 & MPX3-4841

MODEL NO. PX3-5841 & PX3-4841
PX3-5841-M5 & PX3-4841-M5

REV. 2A

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-5841

Mounting Diagram (G2-RACK-FOR-ZU)

250-70-0104-00

250-80-0011-00

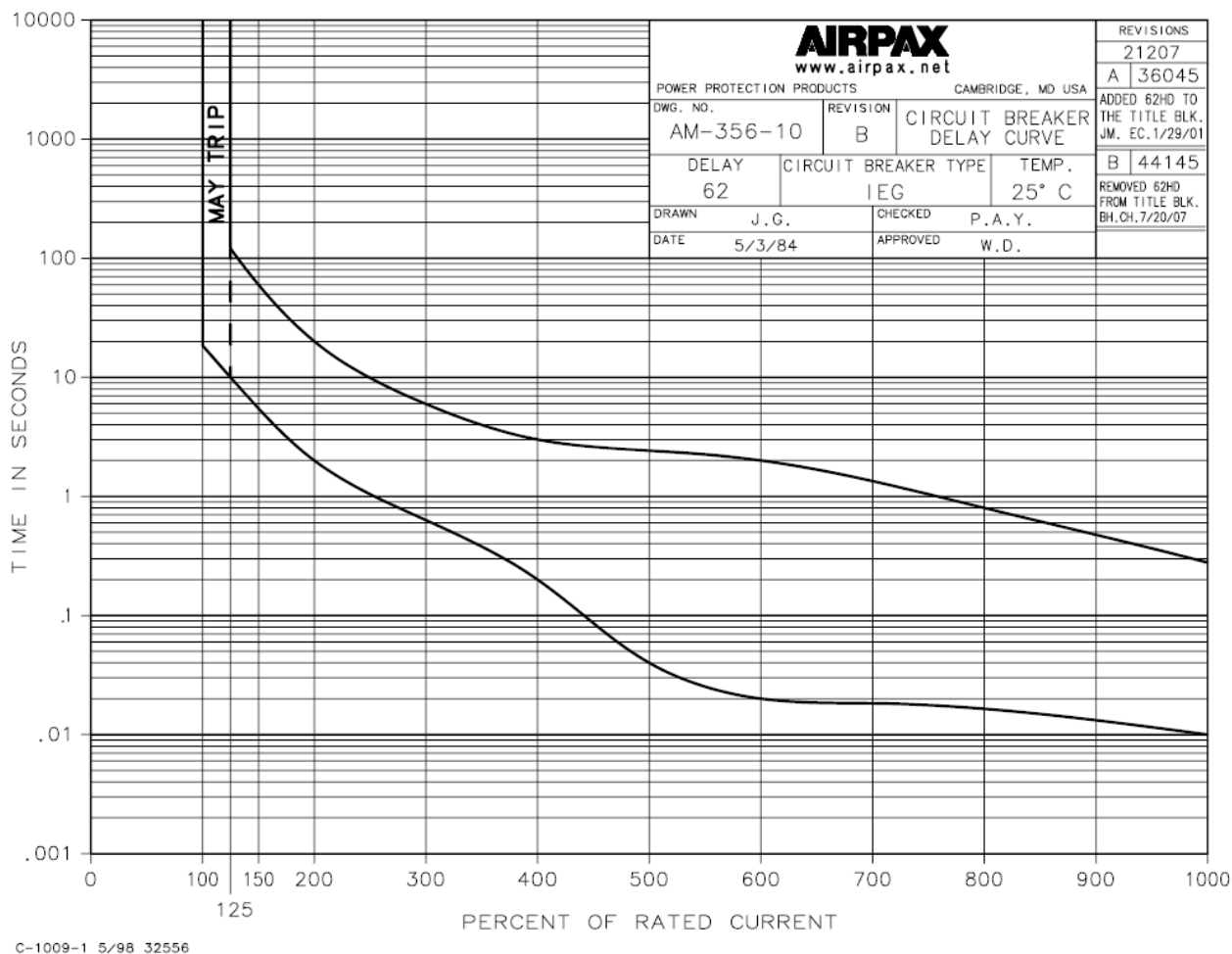**250-70-0007-00**

250-70-0093-00

Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-5841
rev20250625

TRIP CURVE

This file generated on: Wed, June 25, 2025 - 03:48:08