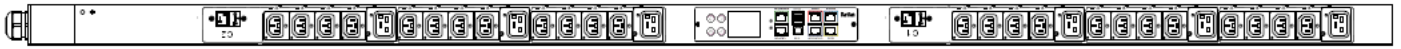# Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-4870V-E2   rev20250209

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: PX3-4870V-E2

INPUT

Input Plug	NEMA L6-30P (2P3W), IP44
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Bottom-bottom 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)	(24) IEC60320 C13 Locking, 12A (6) IEC60320 C19 Locking, 16A
Securelock Support	Yes
Cord Retention	No
Overload Protection	(2) LEGBX66-20, 5KAIC

PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	2.1" x 2.8" x 70.1" ; 52mm x 71mm x 1780mm
Unit Weight	TBD
Shipping Weight	TBD
Shipping Dimensions (WxDxH)	11.22" x 5.31" x 81.89" ; 285mm x 135mm x 2080mm
Mounting	G2-RACK-FOR-ZU

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4870V-E2

rev20250209

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

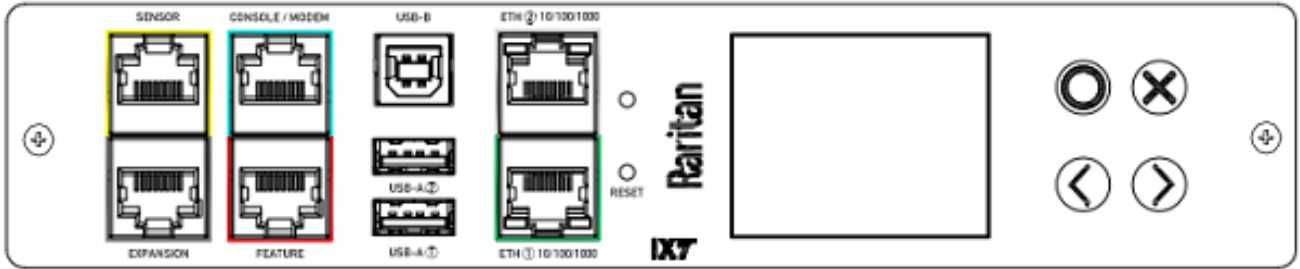|	Input Measurement	Output Measurement
LCD & GUI Current	±1% at 0.1 A resolution	±1% at 0.1 A resolution
Voltage	±1% at 0.1 V resolution	±1% at 0.1 V resolution
Active Power	±1% at 1 W resolution	±1% at 1 W resolution
Apparent Power	±1% at 1 VA resolution	±1% at 1 VA resolution
Power Factor	±1% at 0.1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

CONTROL PANEL
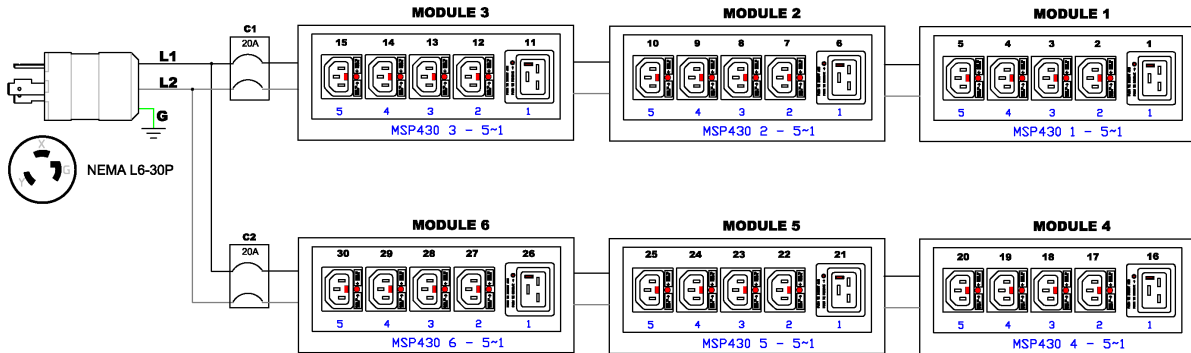
Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-4870V-E2

ELECTRICAL (ONE LINE) DIAGRAM

Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-4870V-E2   rev20250209

MECHANICAL DIAGRAM

NEMA L6-30P
VIEW A   VIEW B
Option 1.   Option 2.   Option 3.
VIEW C   VIEW D

See VIEW A   See VIEW B   See VIEW C   See VIEW D

1780 [70,1"]   52 [2,1"]
71 [2,8"]
268,0 [10,6"]
1244,0 [49,0"]
112,5 [4,4"]   1555,0 [61,2"]

Button fixed by M5 x 10 Flat Screw

PROJECTION THIRD ANGLE
DO NOT SCALE DRAWING
SHEET 1 OF 1

Drawing Maker:	Eva Lin	June 20. 2017
Design Engineer:	Sam_L	June 20. 2017
Approver:	Tom_H	June 20. 2017

TITLE: iPDU Zero U
Single Phase, 24A/200–240V
Plug Type: NEMA L6-30P
Outlet Type: Locking C13 (24), Locking C19 (6)

DWG NO. MPX3-5723V-V2 M5 & MPX3-4723V-V2 M5

MODEL NO.
PX3-5870V-E2 & PX3-4870V-E2
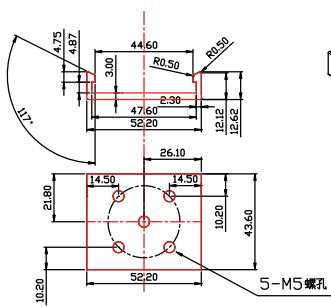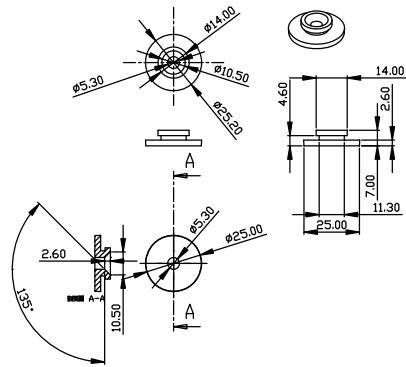PX3-5870V-E2M5 & PX3-4870V-E2M5

REV. 2A

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4870V-E2

rev20250209

Mounting Diagram (G2-RACK-FOR-ZU)

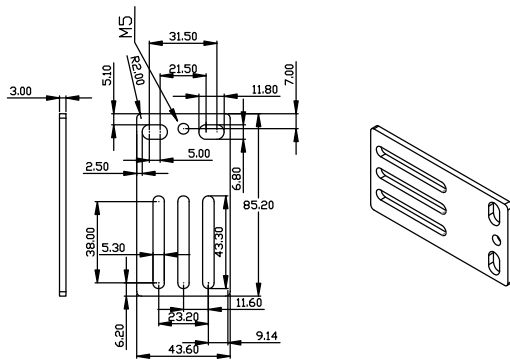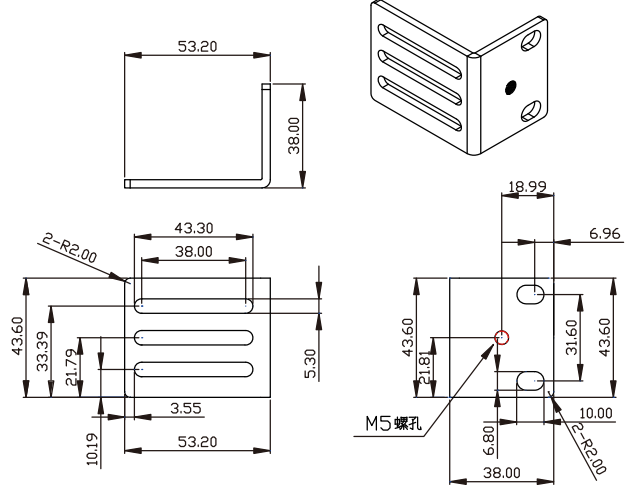**250-70-0104-00**

5-M5 螺孔

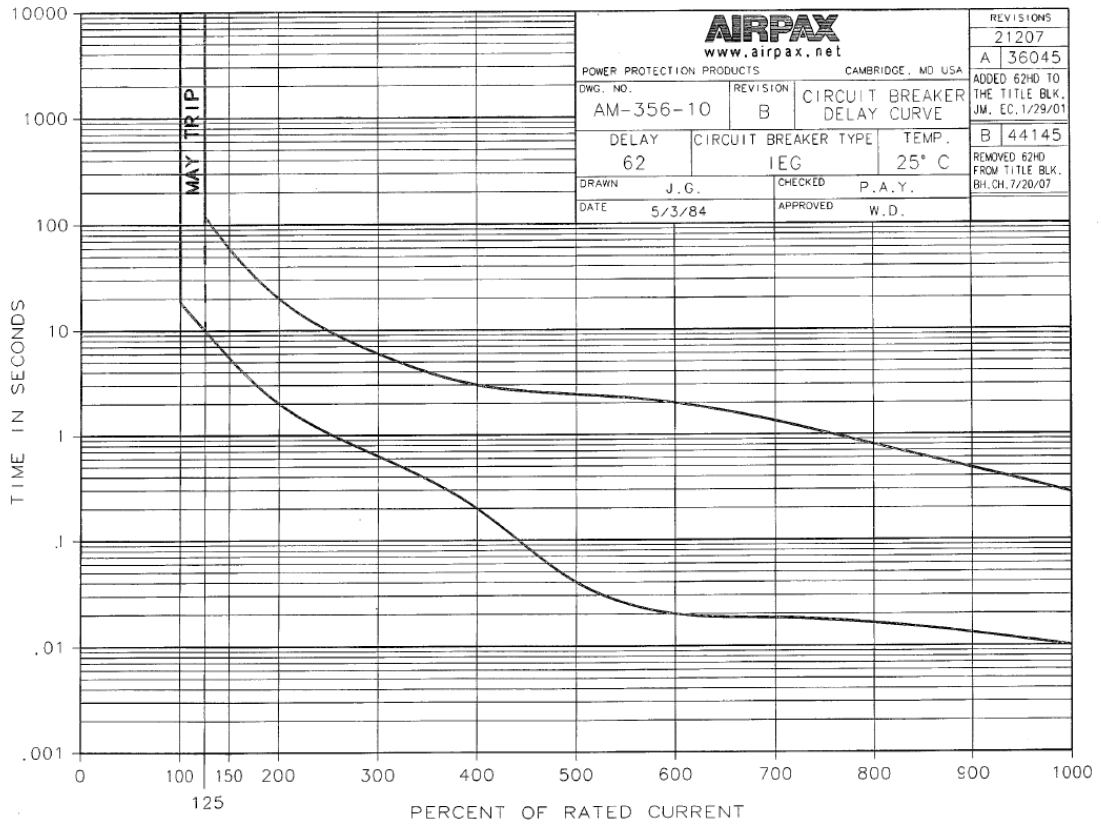**250-80-0011-00**

250-70-0007-00

250-70-0093-00

M5 螺孔

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4870V-E2   rev20250209

TRIP CURVE

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