

## Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4660U-E2P1

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: PX3-4660U-E2P1

rev20250625

### INPUT

Input Plug	NEMA L21-30P (4P5W), IP44
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Top-end feed
Cable Type	S00W 5C#10
Number of Power Cords	1
Maximum Input Current	30A
Nominal Input Voltage	208V 3 phase
Rated Input Voltage	190 - 208V 3 phase
Input Frequency	50/60Hz
Power Capacity	7.9kVA at 190V, 8.6kVA at 208V

### OUTPUT

Nominal Output Voltage	208V
Rated Output Voltage	100 - 208V
Receptacles (Output Connections)	(3) NEMA 5-20R, 16A (21) IEC60320 C13 Locking, 12A (6) IEC60320 C19 Locking, 16A
Securelock Support	Yes
Cord Retention	No
Overload Protection	(3) LEGBXA66-20, 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	8.7 kg
Shipping Weight	11.3 kg
Shipping Dimensions (WxDxH)	11.02" x 4.53" x 81.5" ; 280mm x 115mm x 2070mm
Mounting	G2-RACK-FOR-ZU

## Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4660U-E2P1

rev20250625

### 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

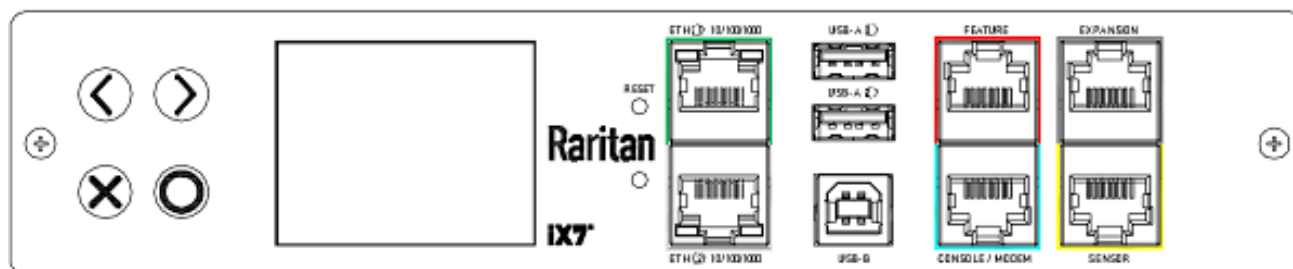
Current	±1% at 0.1 A resolution
---------	-------------------------

## Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4660U-E2P1

rev20250625

### CONTROL PANEL

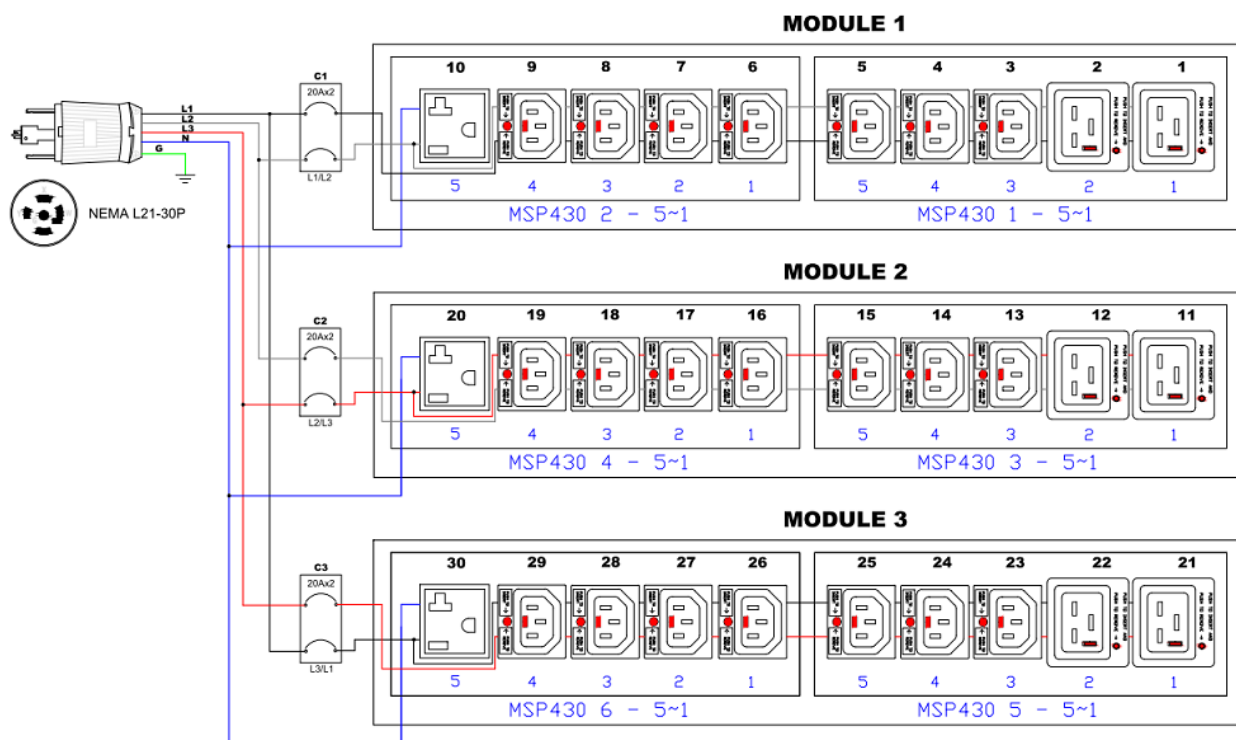


## Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4660U-E2P1

rev20250625

### ELECTRICAL (ONE LINE) DIAGRAM



Raritan Model Number: PX3-4660U-E2P1

## MECHANICAL DIAGRAM



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 MILLIMETERS (INCHES).  
4. MOUNTING BUTTON IS AN ALTERNATIVE MOUNTING METHOD TO THE STANDARD MOUNT FOR 3RD PARTY ENCLOSURE.  
5. BUTTON IS PROVIDED WITH THE UNIT. DETAILED INSTALLATION INSTRUCTIONS CAN BE FOUND IN THE PROVIDED MANUAL.  
6. BRACKET KEYS TO MOUNT TO SPECIFIC 3RD PARTY ENCLOSURES ARE AVAILABLE AS OPTIONS.  
7. RARI-TAN STANDARD LENGTH OF THE CORD IS 3000MM/9'-7MM.  
8. DIMENSION TOLERANCE: LENGTH =  $\pm 2MM$ , WIDTH =  $\pm 1MM$ , DEPTH =  $\pm 0.5MM$ .

Button fixed by M5 x 10 Flat Screw

## Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4660U-E2P1

rev20250625

### Mounting Diagram (G2-RACK-FOR-ZU)

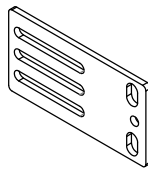
250-70-0104-00



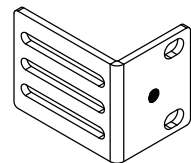
250-80-0011-00



**250-70-0007-00**



**250-70-0093-00**

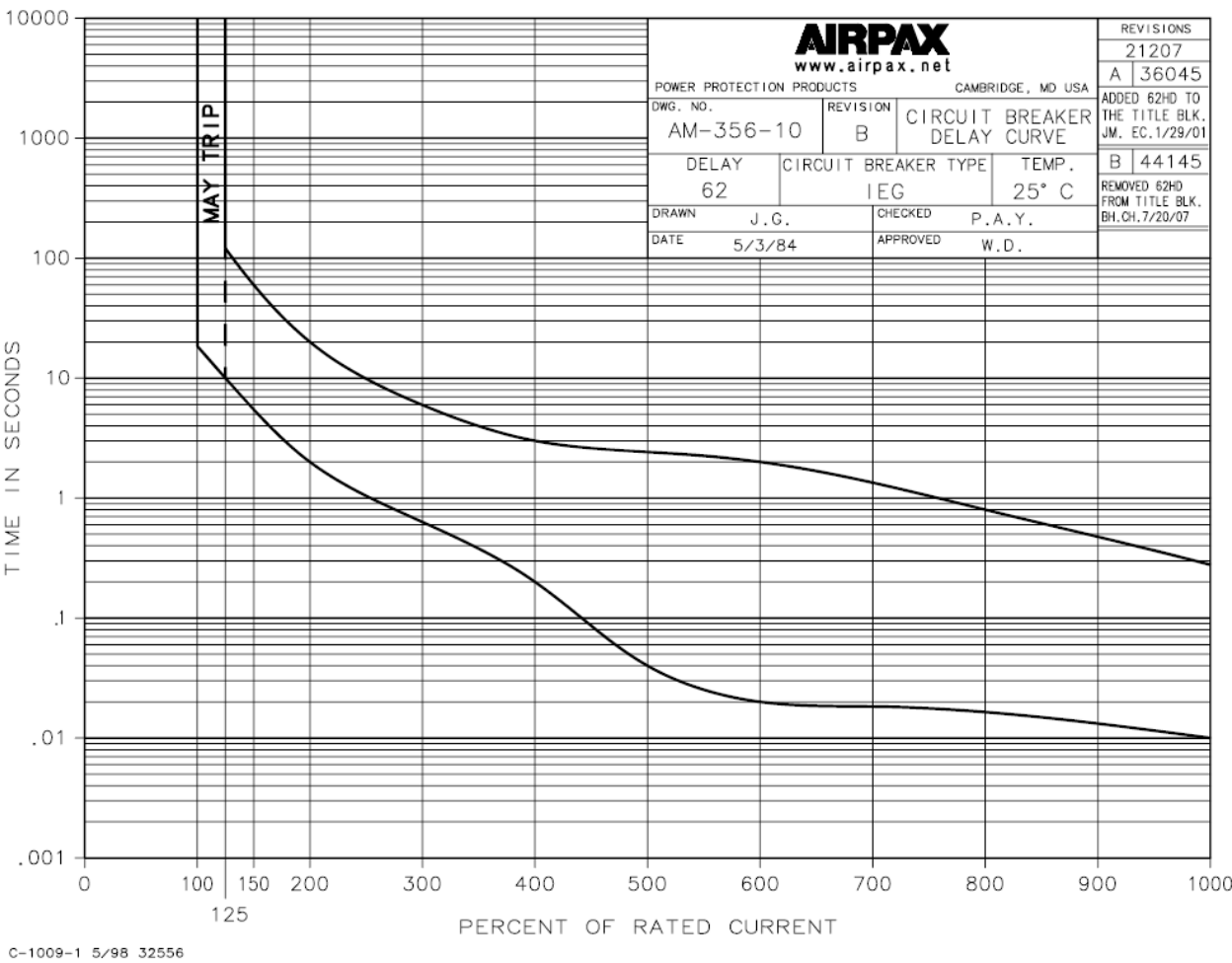


# Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-4660U-E2P1

rev20250625

## TRIP CURVE



This file generated on: Wed, June 25, 2025 - 03:15:58