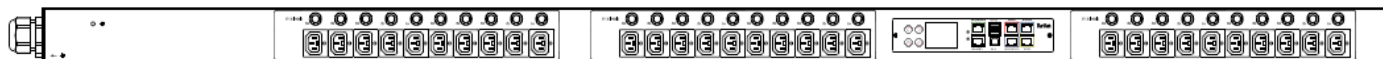


Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-1833JV-E2F8

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	No
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 or per breaker); 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	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	200V
Rated Input Voltage	200 - 240V
Input Frequency	50/60Hz
Power Capacity	6.0kVA at 200V, 7.2kVA at 240V

OUTPUT

Nominal Output Voltage	200V
Rated Output Voltage	200 - 240V
Receptacles (Output Connections)	(30) IEC60320 C13 Locking, 10A
Securelock Support	Yes
Cord Retention	No
Overload Protection	(30) RFMB-10, 1KAIC

PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	2.8" x 2.4" x 70.1" ; 70mm x 60mm x 1780mm
Unit Weight	7.8 kg
Shipping Weight	11.1 kg
Shipping Dimensions (WxDxH)	11.22" x 5.31" x 81.89" ; 285mm x 135mm x 2080mm
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	PSE, Canada ICES-003, Part 15 Class A of the FCC rules RoHS compliant
Warranty	Standard 2 years manufacturer warranty

ACCURACY

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

Branch Measurement

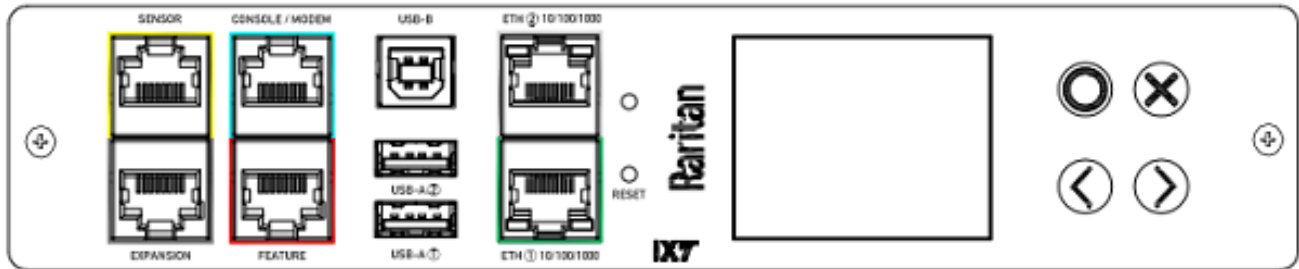
Current	±1% at 0.1 A resolution
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Technical Specifications / Engineering Submittals

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CONTROL PANEL

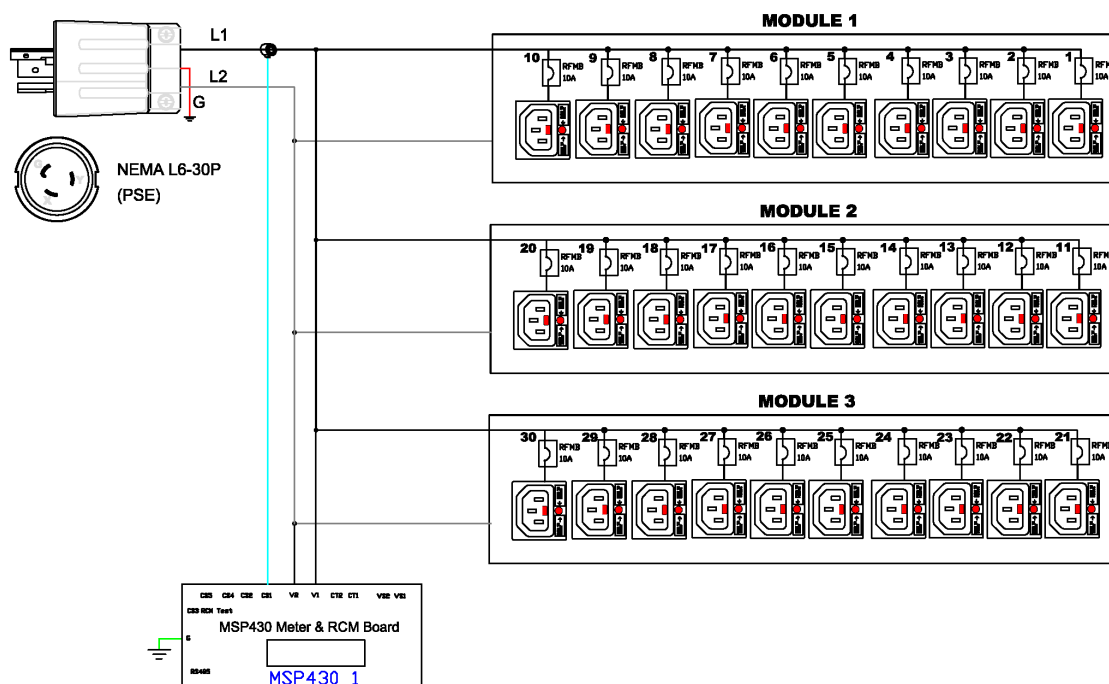


Technical Specifications / Engineering Submittals

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ELECTRICAL (ONE LINE) DIAGRAM



Raritan Model Number: PX3-1833JV-E2F8

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MECHANICAL DIAGRAM



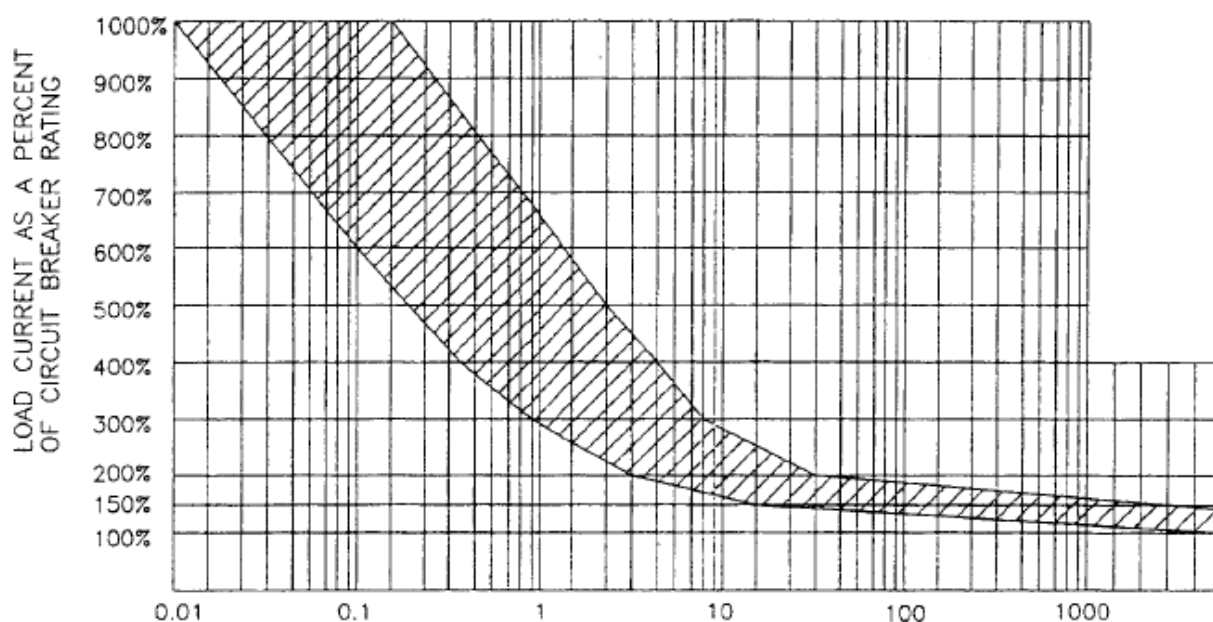
Technical Specifications / Engineering Submittals

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TRIP CURVE

Trip Curves



TRIP TIME FACTOR	
-10°C	X1.70
-5°C	X1.60
0°C	X1.50
5°C	X1.40
10°C	X1.30
15°C	X1.20
20°C	X1.10
25°C	X1.00

TRIP TIME FACTOR	
30°C	X0.90
35°C	X0.85
40°C	X0.80
45°C	X0.75
50°C	X0.70
55°C	X0.65
60°C	X0.60

OVERLOAD	TRIP TIME
100 %	NO TRIP
150 %	TRIP IN 1 HR
200 %	4.0~40 sec
300 %	0.9~8.0 sec
400 %	0.42~5.0 sec
500 %	0.25~3.0 sec
600 %	0.1~1.8 sec