Technical Specifications / Engineering Submittals
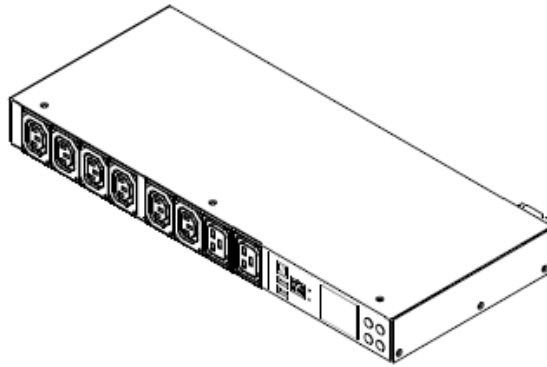Raritan Model Number: PX3-5193R

rev20240510

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	No
Metering per Output Receptacle	Yes
Remote Outlet Switching	Yes
Environmental Sensor Ready	Yes
Replaceable Controller	No
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 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 16 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 receptacle /outlet); Alarms; Configuration information (name, ratings, IP / Networking information)
Embedded Processor	ARM Cortex A5 536MHZ (Atmel A5D35A), 16MB SPI Flash, 64MB DDR2 RAM

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INPUT

Input Plug	IEC 60309 2P+E 6h 16A (2P3W)
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Rear feed
Cable Type	IP44("splashproof")
Number of Power Cords	1
Maximum Input Current	16A
Nominal Input Voltage	230V
Rated Input Voltage	200 - 240V
Input Frequency	50/60Hz
Power Capacity	3.2kVA at 200V, 3.8kVA at 240V

OUTPUT

Nominal Output Voltage	230V
Rated Output Voltage	200 - 240V
Receptacles (Output Connections)	(6) IEC320 C13, 10A (2) IEC320 C19, 16A
Securelock Support	Yes
Cord Retention	No
Overload Protection	N/A

PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	17.3" x 7.2" x 1.7" ; 440mm x 183mm x 44mm
Unit Weight	6.35 kg
Shipping Weight	7.05 kg
Shipping Dimensions (WxDxH)	22.32" x 16.34" x 12.13" ; 567mm x 415mm x 308mm
Mounting	RACK-KIT-DPX-1U

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ENVIRONMENTAL

Operating Temperature	60°C
Operating Relative Humidity	85%
Operating Elevation	0-10000ft

CONFORMANCE

Regulatory Approvals	CE, 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

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CONTROL PANEL
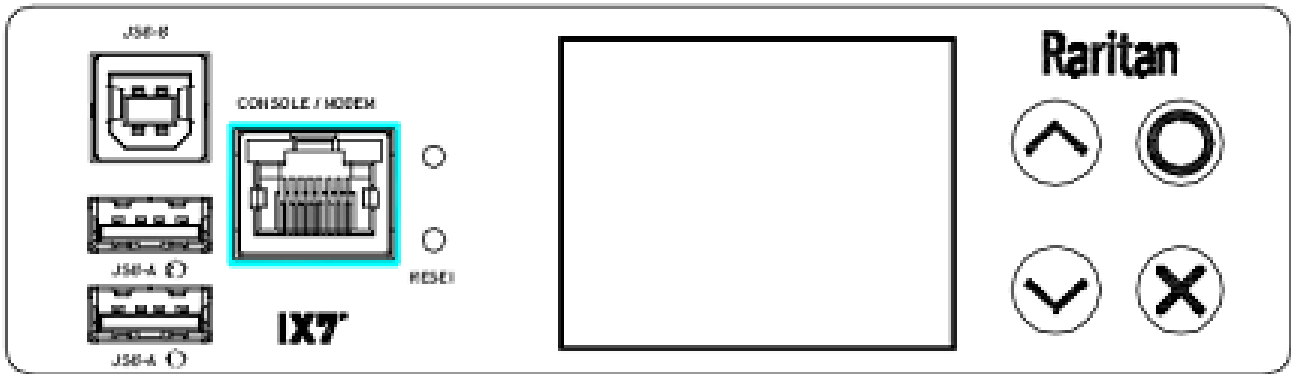
CONTROL PANEL2

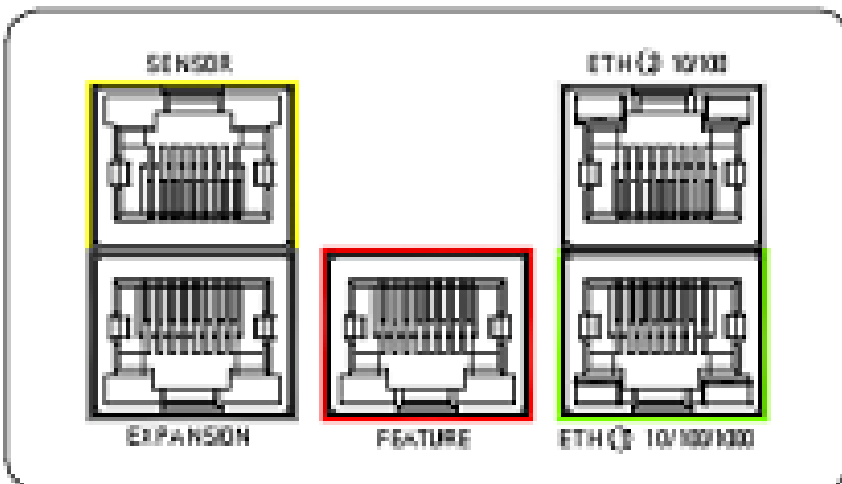# Technical Specifications / Engineering Submittals
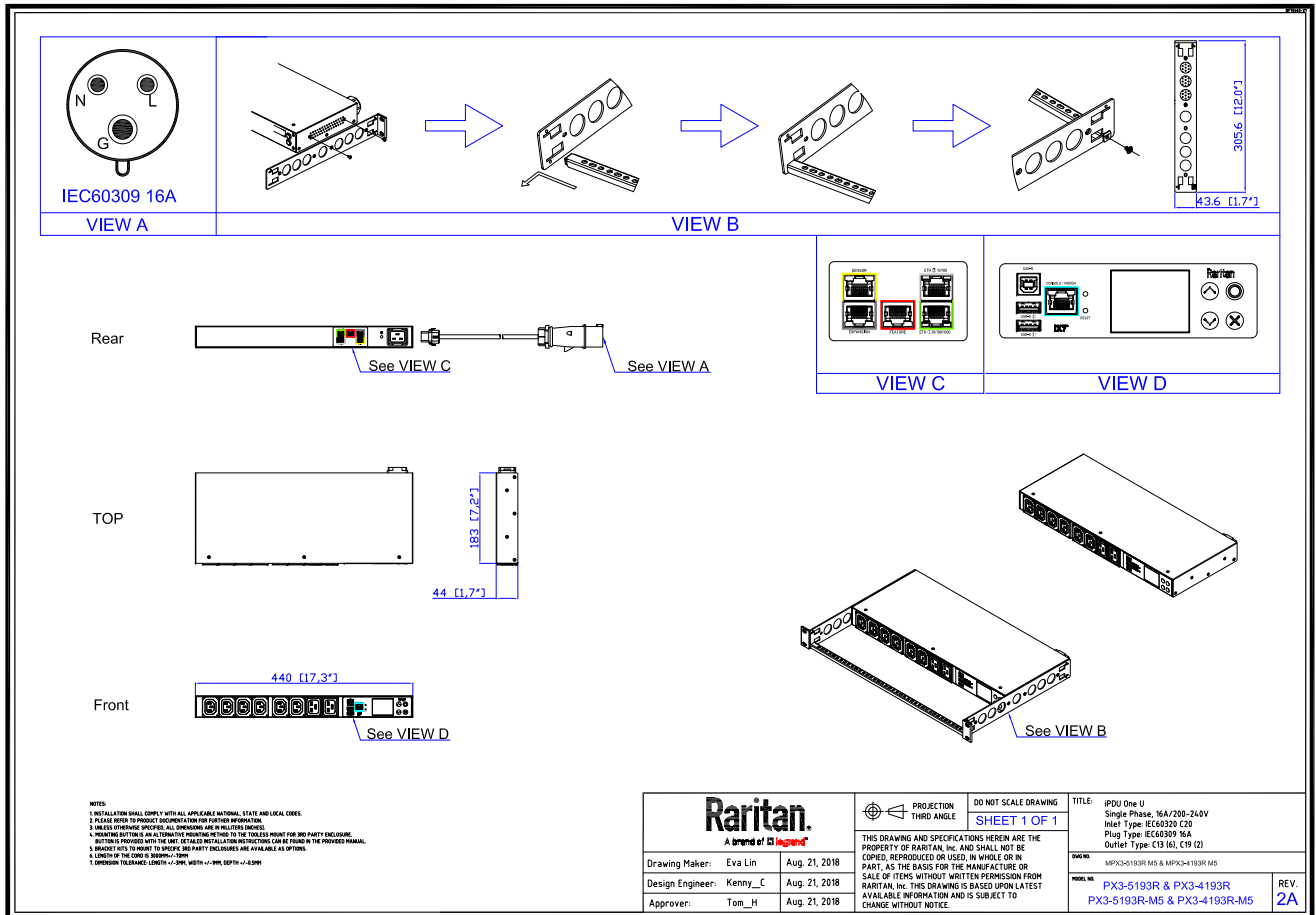## Raritan Model Number: PX3-5193R

ELECTRICAL (ONE LINE) DIAGRAM

MODULE 1

L1
G
N

1 2 3 4   5 6 7 8
4 3 2 1   4 3 2 1

MSP430 1 - 4~1   MSP430 2 - 4~1

IEC60320 C20

IEC60320 C19

PXI-IE16AC19L

IEC60309 16A

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MECHANICAL DIAGRAM

IEC60309 16A

VIEW A

VIEW B

305.6 [12.0"]

43.6 [1.7"]

Rear

See VIEW C   See VIEW A

VIEW C   **VIEW D**

TOP

183 [7.2"]

44 [1.7"]

440 [17.3"]

Front

See VIEW D

See VIEW B

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 +/-9MM, DEPTH +/-0.5MM

	PROJECTION THIRD ANGLE	DO NOT SCALE DRAWING	TITLE: iPDU One U
		SHEET 1 OF 1	Single Phase, 16A/200-240V Inlet Type: IEC60320 C20 Plug Type: IEC60309 16A Outlet Type: C13 (6), C19 (2)
Drawing Maker: Eva Lin Aug. 21, 2018	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.	DWG NO. MPX3-5193R M5 & MPX3-4193R M5	
Design Engineer: Kenny_C Aug. 21, 2018		MODEL NO. PX3-5193R & PX3-4193R PX3-5193R-M5 & PX3-4193R-M5	REV. 2A
Approver: Tom_H Aug. 21, 2018			

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TRIP CURVE

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