

# Technical Specifications

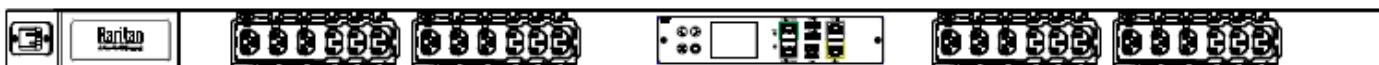
Model Number:

**PX4-13A8C-C8E7A0**

**100-240V, 1Φ, 16/16A, 1.6-3.8kVA**

**Raritan**<sup>®</sup>  
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## LINE DRAWING



## FEATURES

<b>Energy Metering</b>	Voltage (V), Current (A), Active Power (kW), Real Power (kVA), Energy (kWh), Power Factor
<b>Metering Accuracy</b>	Class 0.5 meter (see page 3 for details)
<b>Metering per Input Line</b>	Yes
<b>Metering per Branch Circuit Breaker</b>	No
<b>Metering per Output Receptacle</b>	No
<b>Remote Outlet Switching</b>	No
<b>Power Quality Monitoring</b>	Voltage and Current Harmonic Distortion; Distortion Power Factor; Voltage Dip and Voltage Swell; Neutral Current, Current Inrush, Crest Factor
<b>Outlet Power Distribution</b>	Alternating Branch
<b>Replaceable Controller</b>	Yes, hot-swappable
<b>Environmental Sensor Ready</b>	Yes
<b>Networking</b>	Gigabit (10/100/1000 BaseT) Ethernet port; Secondary, redundant (10/100/1000 BaseT) Ethernet port; Optional Wi-Fi (802.11a/b/g/n)
<b>Remote Management</b>	HTTP(s); SSH (CLI); Telnet; RS-232 (Serial); SNMP version v2/v3; SMTP; JSON-RPC API; MODBUS-TCP; Redfish API
<b>Cascading</b>	Yes, Max 16 PDUs can be daisy chained using a USB connection and 32 PDUs using Ethernet connection
<b>Linking</b>	Yes, a maximum of 8 PDUs can be linked using the PDU Link Port; PDU 1 is defined as the Primary PDU and can link up to 7 additional PDUs, called Link PDUs, totaling 8 PDUs

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### INPUT

<b>Input Plug</b>	None (N/A)
<b>Cord Length</b>	0 meters (0 feet)
<b>Cord Entry</b>	Bottom-front feed
<b>Number of Power Cords</b>	1
<b>Input Current, Maximum</b>	16/16A
<b>Input Current, Rating</b>	16A (UL), 16A (International)
<b>Input Voltage, Nominal</b>	100/240V, Single phase
<b>Input Voltage, Rated</b>	100-240V,
<b>Input Frequency</b>	50/60Hz
<b>Power Capacity</b>	1.6kVA at 100V, 3.8kVA at 240V

### OUTPUT

<b>Voltage, Nominal</b>	100-240V
<b>Voltage, Rated</b>	100-240V
<b>Receptacles (Output Connections)</b>	(12) C13 Locking, 10A; (12) Cx Locking, 16A
<b>Outlet Indicators</b>	N/A
<b>Outlet Locking</b>	Yes
<b>SecureLock (P-lock) Support</b>	Yes
<b>Overload Protection</b>	N/A

### PHYSICAL

<b>Color</b>	Black powder coat (custom colors available)
<b>Material of Construction</b>	Extruded Aluminum
<b>Unit Dimensions (WxDxH)</b>	56mm x 65mm x 1298mm; 2.2" x 2.6" x 51.1"
<b>Unit Weight</b>	TBD
<b>Shipping Dimensions (WxDxH)</b>	TBD
<b>Shipping Weight</b>	TBD
<b>Mounting</b>	Tool-less button mount

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### ENVIRONMENTAL

Operating Temperature	60°C
Operating Relative Humidity	5% to 95% (non-condensing)
Operating Elevation	0 to 3048m; 0 to 10,000ft
Storage Temperature	-30 to 80°C / -22 to 176°F
Storage Relative Humidity	0% to 95%
Storage Elevation	0 to 15,000m; 0 to 50,000ft

### CONFORMANCE

Regulatory Approvals	UL Listed and CE, Canada ICES-003, Part 15 Class A of the FCC rules, RoHS compliant
Warranty	2-year manufacturer warranty

### ACCURACY

	Input Measurement	Output Measurement
LCD & GUI Current	±0.2% at 0.01 A resolution	±0.2% at 0.01 A resolution
Voltage	±0.2% at 0.1 V resolution	±0.2% at 0.1 V resolution
Voltage, Neutral	±1% at 0.1 V resolution	n/a
Current, Neutral	±0.5% at 1% FS resolution (FS is PDU ampere rating)	n/a
Active Power	±0.5% at 1 W resolution	±0.5% at 1 W resolution
Apparent Power	±0.5% at 1 VA resolution	±0.5% at 1 VA resolution
Reactive Power	±1% at 1 VA reactive resolution	±1% at 1 VA reactive resolution
Power Factor	±1% at 0.01 resolution	±1% at 0.01 resolution
Crest Factor	±1% at 0.1 resolution	±1% at 0.1 resolution
Active Energy	±0.5% at 0.1 kWh resolution	±0.5% at 0.1 kWh resolution
Apparent Energy	±0.5% at 0.1 kVAh resolution	n/a
Reactive Energy	±1.0% at 0.1 kVAh resolution	±1.0% at 0.1 kVAh resolution
Voltage, Harmonic Distortion	1.0%	1.0%
Current, Harmonic Distortion	5.0%	5.0%
<b>Branch Measurement</b>		
Current	±1% at 0.01 A resolution	

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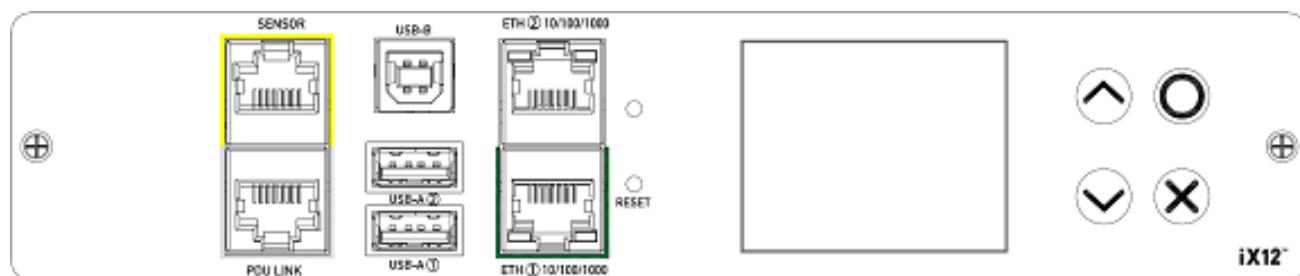
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### CONTROL PANEL



### FEATURES

Controller Version	iX12
Swappable/Replaceable	Yes, hot-swappable
Onboard Display	Voltage, current, or active power (per line, or per receptacle /outlet); Alarms; Configuration information (name, ratings, IP/Networking information); Auto-flip orientation
SmartSensors	Yes, compatible sensors: Temperature, Humidity, Airflow, Differential Air Pressure, Water/Leak, Dust/Particle, Proximity/Motion, Vibration, and Sensor Hubs
SmartLock	Yes, compatible sensors: Contact and Contact Closure

### PANEL FEATURES

Control Buttons	Navigate to the menu in the manual mode (Up, Down, Back, or Switch between automatic and manual modes, OK)
Multi-Color LCD	Shows information on the device, built-in components, and connected peripheral devices
Reset Button	Restarts the device's firmware without any loss of power to outlets
Dual Networking Gig E 10/100/1000 Ethernet Ports	Supports up to 1000 Mbps; also supports extended cascading
Dual (2) USB-A Ports	Supports USB-A wireless LAN adapters; iOS mobile devices; cascading for sharing a network connection. Power rating 5V/500mA
USB-B Port	Supports CLI and cascading for sharing a network connection
PDU Link Port	For power sharing, cascading, and current monitoring
Sensor Port	RJ45 connector; Power/control sensor packages/actuators, current monitoring; also supports Sensor Hubs

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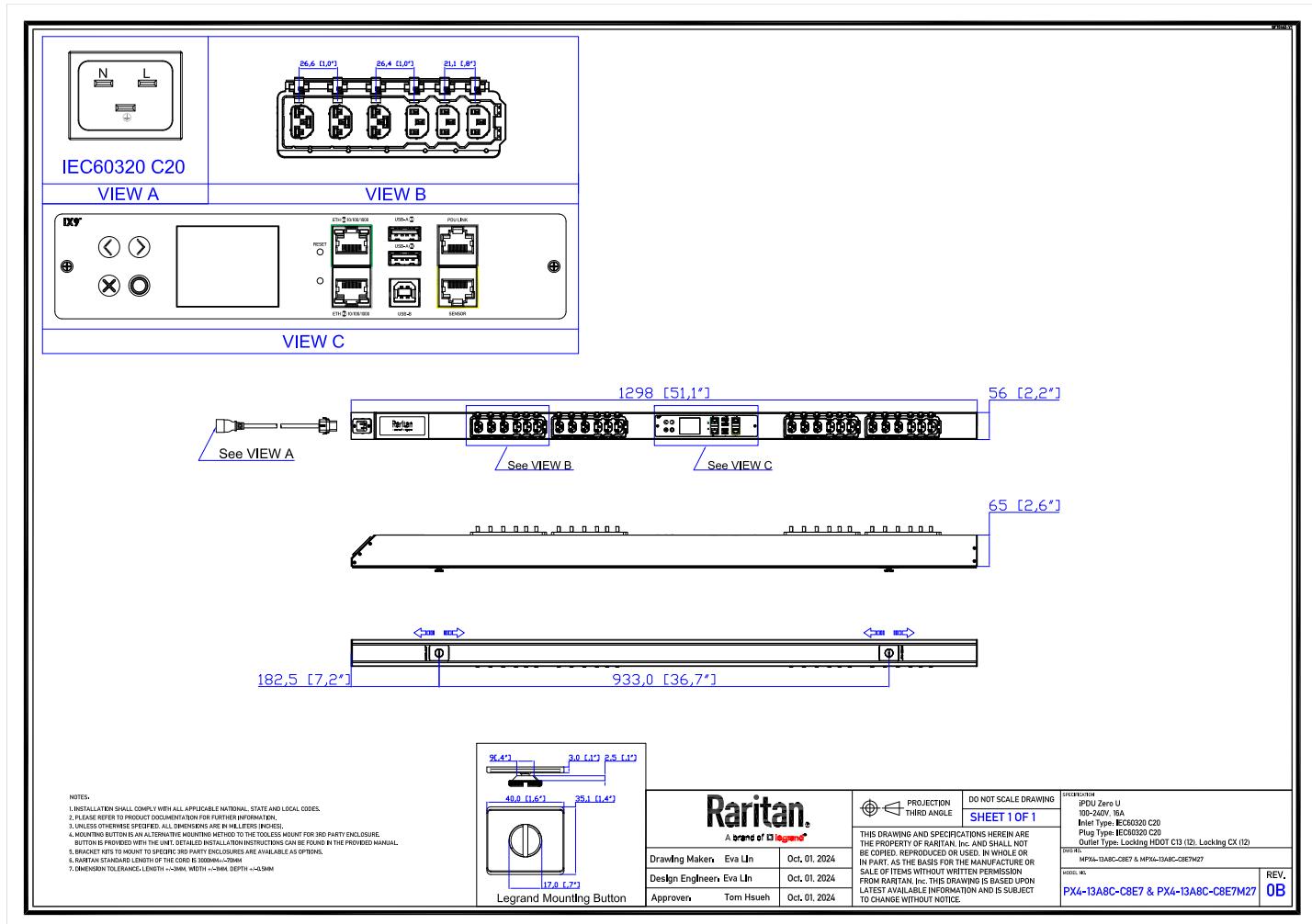
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## MECHANICAL DIAGRAM



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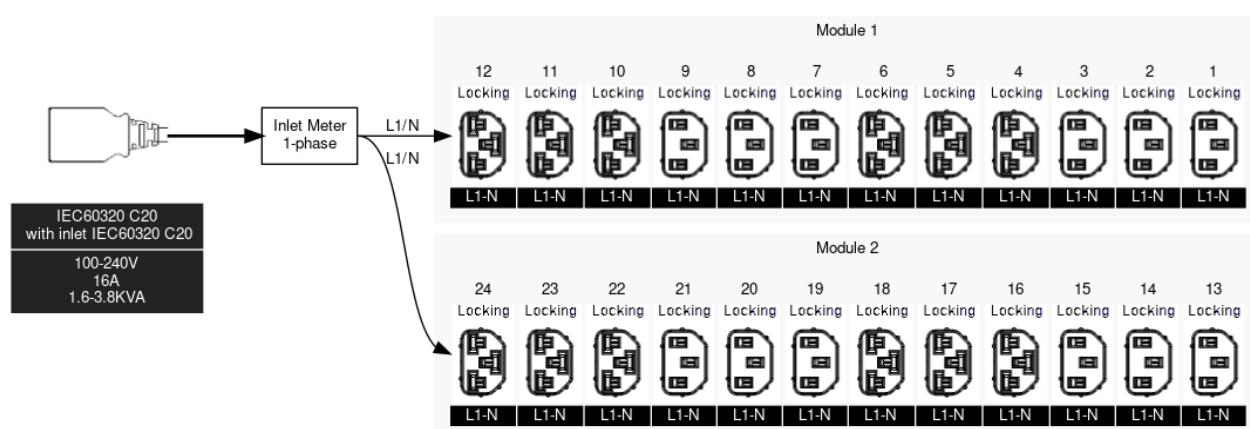
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## ELECTRICAL (ONE LINE) DIAGRAM



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### ADDITIONAL INFORMATION

**Warranty:** Raritan offers a standard 2-year limited parts and labor warranty. Extended support is available at the time of purchase. Contact your local Raritan representative for more information.

**Patents:** Information on Raritan patents is available at [www.raritan.com/patents](http://www.raritan.com/patents)

"Global" models are typically for use in countries outside of North America. Contact your local Raritan representative for more information about which models are appropriate for your application.

Information in this document is current as of time of publishing. Contact your local Raritan representative for the most up-to-date information.

This datasheet was generated on October 23, 2025.

Interested in learning more about how Raritan products can help you manage and distribute power in your data center? Visit us online at [www.raritan.com](http://www.raritan.com)

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