

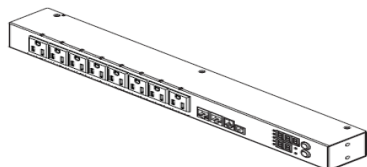
# Technical Specification

Raritan PX  
Model Number: PXE-1158JR

100V  
16A  
1.6KVA



## 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%                                                                                                                                                      |
| Metering per Input Line             | Yes                                                                                                                                                                      |
| Metering per Branch Circuit Breaker | No                                                                                                                                                                       |
| Metering per Output Receptacle      | No                                                                                                                                                                       |
| Remote Outlet Switching             | No                                                                                                                                                                       |
| Environmental Sensor Ready          | Yes                                                                                                                                                                      |
| Networking                          | 10/100 BaseT Ethernet. 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                                                                                      |
| Cascading                           | No                                                                                                                                                                       |
| Onboard Display                     | 3-digit user-selectable display (can be selected between Manual and Auto Display Mode).<br>Can display Line voltage, Line current and Unit active power                  |
| Compatible Sensors                  | Temperature, Humidity, Air Flow, Static Pressure<br>Single cable connection provides temp/humidity monitoring at three points in cabinet (with a single sensor assembly) |

## Input

|                       |                                                      |                                                                                       |
|-----------------------|------------------------------------------------------|---------------------------------------------------------------------------------------|
| Input Plug            | NEMA L5-20P IP44("splashproof") (100V, Single phase) |  |
| Cord Length           | 3 meters (9.84 feet) standard                        |                                                                                       |
| Cord Entry            | Rear feed                                            |                                                                                       |
| Cable Type            | 2P 3W                                                |                                                                                       |
| Number of Power Cords | 1                                                    |                                                                                       |
| Maximum Input Current | 20A (per line)                                       |                                                                                       |
| Nominal Input Voltage | 100V, Single phase                                   |                                                                                       |
| Rated Input Voltage   | 100 - 100V, Single phase                             |                                                                                       |
| Input Frequency       | 50/60Hz                                              |                                                                                       |
| Power Capacity        | 1.6kVA at 100V, 1.6kVA at 100V                       |                                                                                       |

## Output

|                        |                     |
|------------------------|---------------------|
| Nominal Output Voltage | 100V                |
| Rated Output Voltage   | 100 - 100V          |
| Output Connections     | (8) NEMA 5-15R; 15A |
| Overload Protection    | N/A                 |

## Physical

|                                 |                                                 |
|---------------------------------|-------------------------------------------------|
| Unit Dimensions (W x D x H)     | 17.3" x 2.1" x 1.7" ; 440mm x 53mm x 44mm       |
| Shipping Dimensions (W x D x H) | 10.59" x 12.4" x 22.05" ; 269mm x 315mm x 560mm |
| Color                           | Black powder coat                               |
| Mounting                        | RACK-KIT-PXE-1190R                              |

## Environmental

|                             |                       |
|-----------------------------|-----------------------|
| Operating Environment       | 5 - 50°C (41 - 122°F) |
| Operating Relative Humidity | 5-85%                 |
| Operating Elevation         | 0-10000ft             |

## Conformance

|                      |                                                                                       |
|----------------------|---------------------------------------------------------------------------------------|
| Regulatory Approvals | PSE<br>Canada ICES-003, Class A<br>Part 15 Class A of the FCC rules<br>RoHS compliant |
|----------------------|---------------------------------------------------------------------------------------|

**Raritan**

ETHERNET RS-485 SENSOR USB-B

CURRENT(A) VOLTAGE(V) POWER(kW) UB LOAD (%) SENSOR

LINE / CB / UB RESET

UP BOTH DOWN

**CIRCUIT 1**

8 7 6 5 4 3 2 1

L

N

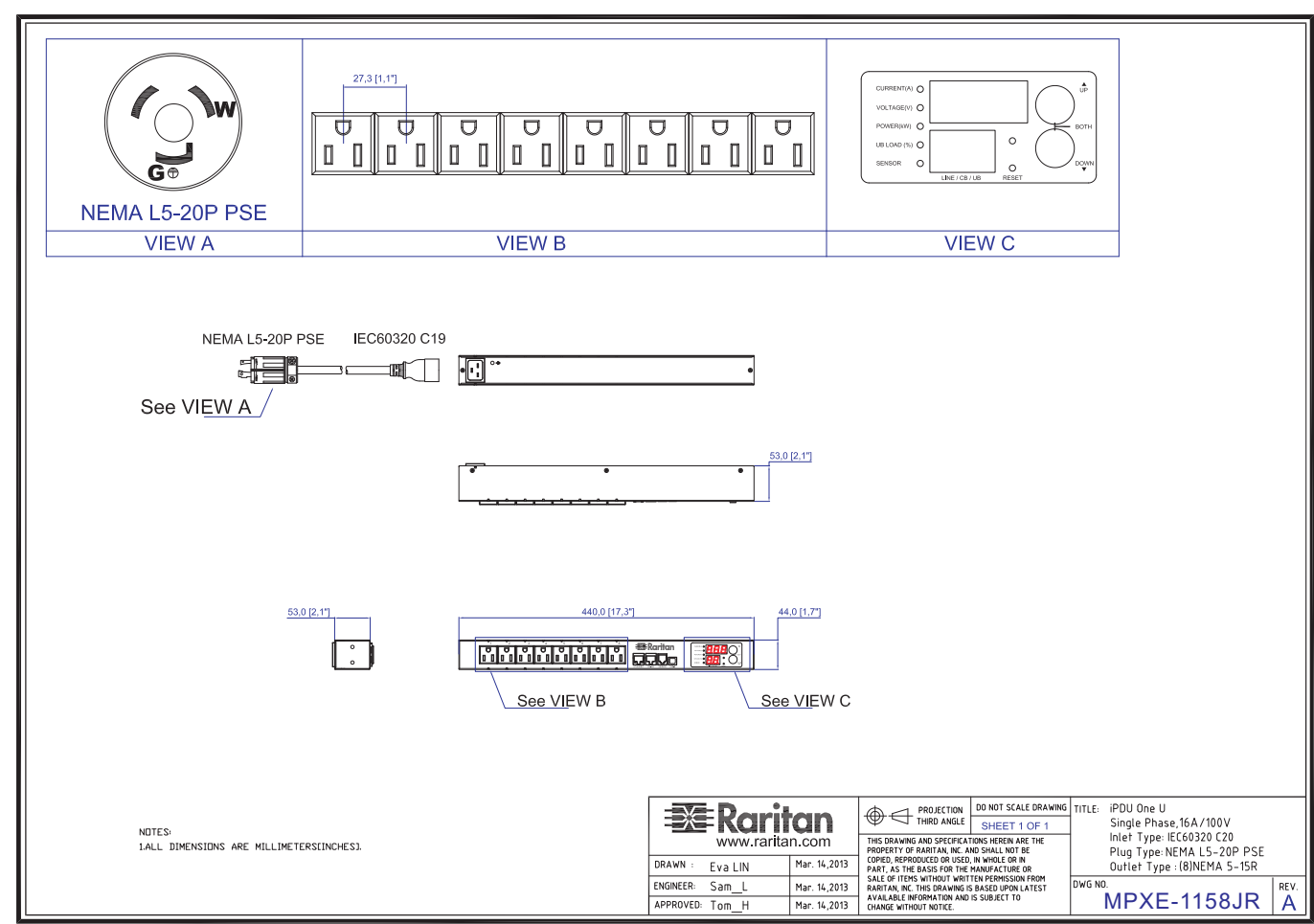
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IEC60320 C20

ARM926EJ-S  
Stamp Control Modular  
with Meter Chip

G CT1 V2 V1

Mechanical Diagram



## Compatible Sensors

|               |                                                                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental | DPX-T1 : single temperature node<br>DPX-T2H2 : 2 nodes: each providing both temp + humidity<br>DPX-T3H1 : 3 temperature nodes; one also with humidity<br>DPX-TDP1 : temperature + differential air pressure<br>DPX-AF1 : air flow sensor<br>DPX-CC2-TR : Dual contact closure sensor |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|