

# PViQ™ Networked Power Outlet Units for Nexus 7.5 Power Supply for Net-Access™ Switch Cabinets (CN\*)

## PANDUIT® SPECIFICATION SHEET

### specifications

PViQ™ Power Outlet Units shall integrate with the Panduit® PIM™ Software Platform to enable intelligent management of the in-cabinet power usage. This system helps to quickly identify and resolve power issues, find and reclaim available or underutilized power capacity and automate collection of real-time and accurate power information. The units shall be Cisco compatible and designed to meet the Nexus 7000 series power requirements. The units shall have local and remote monitoring for power consumption and easy upgradable firmware updates and be capable of mounting vertically or horizontally to the Net-Access™ and Net-SERV® Cabinets or Panduit 4 post rack. The power outlet units shall have 60 Amp circuits and shall have multiple outlet options with standard IEC and L6-30R locking NEMA compliant receptacles. Power outlet units shall have ten foot cords using IEC 309 plugs and black powder-coated finish.



### technical information

<b>Dimensions:</b>	PZ1B2G3BN03L1: 19.0"H x 3.4"W x 9.0"D (483mm x 86mm x 229mm) QZ1B2G5BN2271: 66.3"H x 2.3"W x 3.45"D (1683mm x 58mm x 87mm) QZ1B2G3BN03L1: 33"H x 2.3"W x 3.45"D (978mm x 58mm x 87mm) QZ1B2G6BN06L1: 66.3"H x 2.3"W x 3.45"D (1683mm x 58mm x 87mm)
<b>Power outlet unit mounting:</b>	Horizontal power strips provide up to three outlets and mount to any EIA 19" rack or cabinet. Vertical power strips provide up to 22 outlets and do not occupy any rack spaces
<b>Power outlet unit packaging:</b>	All power outlet units include 10' power cords, mounting brackets, screws, and tool-less button mounting

### key features and benefits

<b>Remote access to power consumption data</b>	Web-based GUI provides global network access to real-time power information to improve data center energy efficiency and reduce operating costs through analysis of power usage and trends
<b>Integrates with Panduit® PIM™ Software</b>	Aggregates power and environmental information through a single web based GUI to facilitate easy analysis of data
<b>Integrated power monitoring and management</b>	On unit display provides true RMS Input Current Load (in amps) for each power circuit or phase to properly load balance and maximize power circuits, improving data center power management and planning
<b>Alarm messaging capability</b>	User defined alarm/messaging capabilities when parameters have been exceeded to maximize network availability
<b>Mounting buttons</b>	Allows tool less mounting of power strips for faster installations
<b>Certification/agency approvals</b>	Complies with UL and cUL Listed 60950

### applications

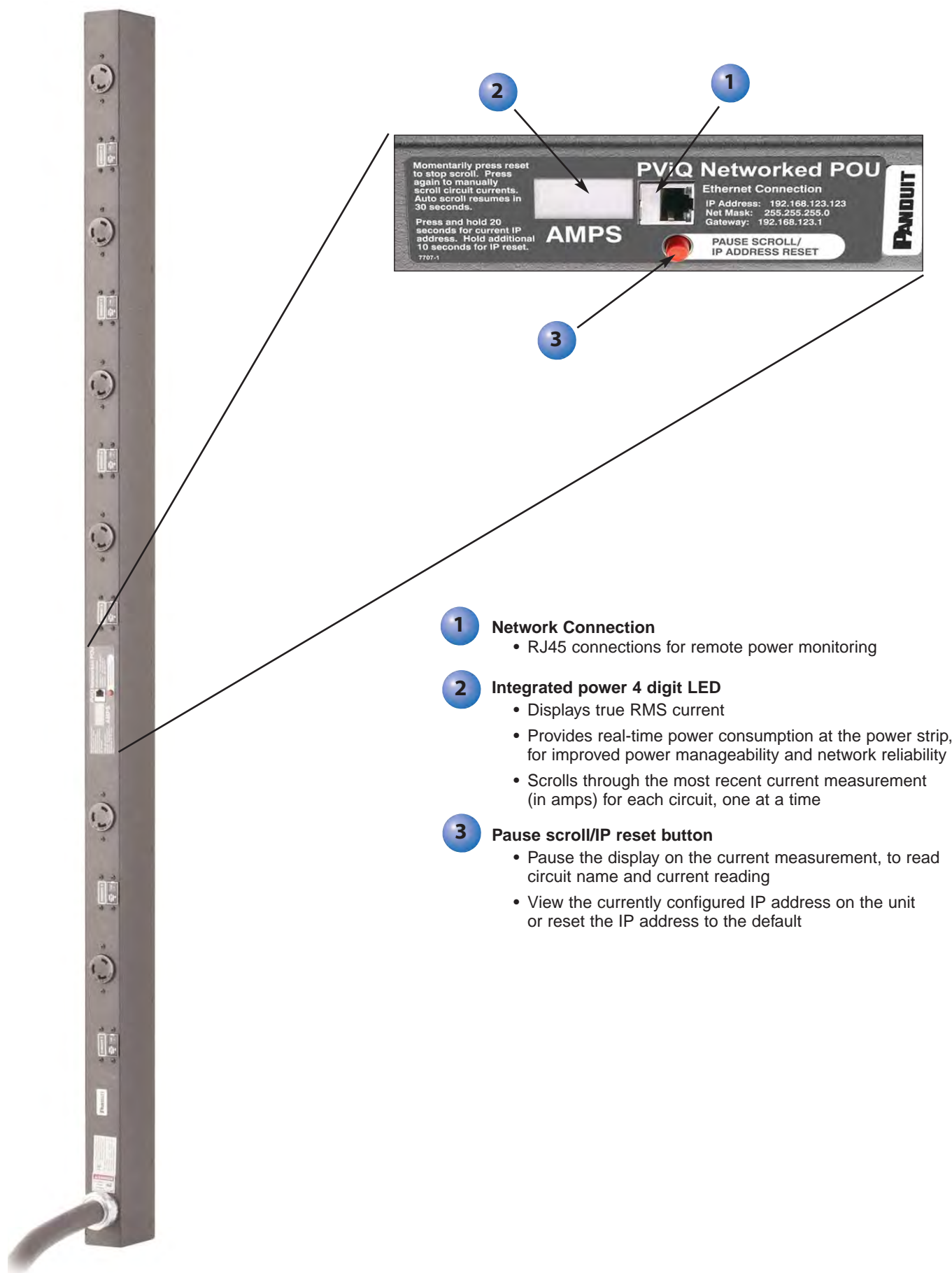
Panduit's PViQ™ Networked Power Outlet Units can either be utilized standalone for smaller installations or seamlessly feed information directly into the Physical Infrastructure Manager™ (PIM™) Software Platform for larger data centers. The Panduit POU's provide continuous real-time power monitoring via the network for enhanced system management and reliability. The Panduit POU's safely and efficiently manage and distribute power to allow multiple

pieces of equipment to share a single power connector to enhance scalability of network build outs. Mounting flexibility allows quick and easy installation and when used with Panduit® Net-Access™ and Net-SERV® Cabinets, the user receives a complete networking solution that will satisfy data center requirements today and into the future.

PIM™ Software Platform and Modules	
Base functionality module:	PIM-BASE
Power module:	PIM-POWER
PanView iQ™ IEC60320 C14 to NEMA 5-15R Adapters	
PViQ™ C14 Power Adapter (US):	PVQ-C14ADPTR-S
PViQ™ C14 Power Adapter (Japan):	PVQ-C14ADPTR-J
Horizontal 3~ 208V, 60A, 3 L6-30R Outlets	
Phase/Breaker (X,Y,Z) Monitoring:	PZ1B2G3BN03L1
Vertical 3~ 208V, 60A, 16 IEC-13, 4 IEC-19 and 2 L6-30R Outlets	
Phase/Breaker (X,Y,Z) Monitoring:	QZ1B2G5BN2271
Vertical 3~ 208V, 60A, 3 L6-30R Outlets	
Phase/Breaker (X,Y,Z) Monitoring:	QZ1B2G3BN03L1
Vertical 3~ 208V, 60A, 6 L6-30R Outlets	
Phase/Breaker (X,Y,Z) Monitoring:	QZ1B2G6BN06L1
Net-Access™ 7018 Cabinets for Use in Hot Aisle/Cold Aisle Applications	
45 RU, no doors, no side panels, 7018 inlet, and exhaust ducting:	CN3847018NU
45 RU, perforated split doors, no side panels, 7018 inlet, and exhaust ducting:	CN5847018NU
45 RU, perforated split doors, side panels, 7018 inlet, and exhaust ducting:	CN4847018NU
42 RU, perforated split doors, side panels, 7018 inlet, and exhaust ducting:	CN48470182NU
45 RU, perforated split doors, no side panels, 7018 inlet, and exhaust ducting, cage nut rails:	CN5847018CNU
Net-Access™ 7018 Cabinets for Use in Cold Aisle Containment Applications	
45 RU, perforated split doors, side panels, vertical blanking panels, 7018 inlet ducting:	CN484C7018NU
42 RU, perforated split doors, side panels, vertical blanking panels, 7018 inlet ducting, cage nut rails:	CN484C70182CNU
Net-Access™ 7018 Cabinet for Use with Vertical Exhaust Duct Applications	
45 RU, front perforated split door, rear solid split door, no side panels, vertical blanking panels, 7018 inlet ducting:	CN584H7018
7018 vertical exhaust ducting height adjustable from 21" to 45" (534mm to 1143mm):	CVED40VEN
7018 vertical exhaust ducting height adjustable from 42" to 70" (1067mm to 1778mm):	CVED40VE
Power Cord C13 – C14 End	
1.5 feet:	PC14C13BL1.5
2 feet:	PC14C13BL2
3 feet:	PC14C13BL3
4 feet:	PC14C13BL4
Power Cord Retainers	
C13 for 2.00" POU body	PRPC13W-2.0-X
C13 for 2.25" POU body	PRPC13W-2.25-X
C19 for 2.00" POU body	PRPC19Y-2.0-X
C19 for 2.25" POU body	PRPC19Y-2.25-X

For additional power cord information, refer to Power Outlet Unit Power Cords Spec Sheet WASP27--WW-ENG.  
\*For additional information on Net-Access™ Cabinets, refer to brochure SA-RKCB19.

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## Current Monitoring

- Provides real time current power information via a standard web browser



## Display

- Name and location information can be stored for easy identification of POU and individual outlets

**Friendly Names**

Unit Name: PViQ POU  
Unit Location:  
Admin Contact:

**Circuit Names**

Circuit 1: Amps Circuit 1  
Circuit 2: Amps Circuit 2  
Circuit 3: Amps Circuit 3

## Alarms

- Alarm status provided if current is greater than entered threshold

**Alarm Settings**

If the amp reading is greater than or equal to the entered value, an alarm is sent (if enabled). Support's alarm values only. Enter 0 to disable traps for that circuit.

	Warning	Alarm
Circuit 1	<input type="text" value="1"/>	<input type="text" value="0"/>
Circuit 2	<input type="text" value="0"/>	<input type="text" value="0"/>
Circuit 3	<input type="text" value="0"/>	<input type="text" value="0"/>

## Configuration

- Name and location information can be stored for easy identification of POU and individual outlets
- Simple network configuration for easy setup

**Network Settings**

DHCP Enabled: ☐  
IP Address: 192.168.1.100  
Subnet Mask: 255.255.252.0  
Gateway: 192.168.0.2  
MAC Address: 00:11:22:33:44:55

**SNMP Settings**

Send Community: public  
Trap IP Addresses: 0.0.0.0  
Trap Community: public  
Write Community: private  
NOTE: Leave the IP Address blank to disable traps.  
\*Note: The MIB has changed from version 1.0.0. Download the latest MIB at the top of this page.

# PViQ™ Networked Power Outlet Units for Nexus 7.5 Power Supply for Net-Access™ Switch Cabinets (CN)

Back



Front



PZ1B2G3BN03L1



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QZ1B2G5BN2271

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