



# 32 Amp PanView iQ™ (PViQ™) Networked Power Outlet Units

## 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 have local and remote monitoring for power consumption, easy upgradable firmware updates and be capable of mounting vertically to the Net-Access™ and Net-SERV™ Cabinets or Panduit 4-post racks. The vertical power outlet units shall have 32 Amp circuits and shall have multiple outlet options with standard IEC or NEMA compliant receptacles. Power outlet units shall have three-meter cord using twist lock or IEC 309 plugs and black powder-coated finish.



### technical information

<b>Dimensions:</b>	QZ1D2B2BM08W1	38.5"H x 2.0"W x 2.0"D (978mm x 51mm x 51mm)
	QQ1D2B2BM08W1	38.5"H x 2.0"W x 2.0"D (978mm x 51mm x 51mm)
	QZ1D2B2BM30P1	66.3"H x 2.0"W x 2.0"D (1683mm x 51mm x 51mm)
	QZ1D2P3BN30P1	66.3"H x 2.0"W x 2.0"D (1683mm x 51mm x 51mm)
<b>Power outlet unit mounting:</b>	Vertical power strips provide multiple outlets and do not occupy any rack spaces	
<b>Power outlet unit packaging:</b>	All power outlet units include three-meter 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 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>	Provides user-defined alarm/messaging capabilities for specific events that exceeded thresholds to help minimize network downtime
<b>Mounting buttons</b>	Allows tool-less mounting of power strips for faster installations
<b>Certification/agency approvals</b>	Complies with IEC 60950-1, EN 55022, EN 55024 and CE Marked

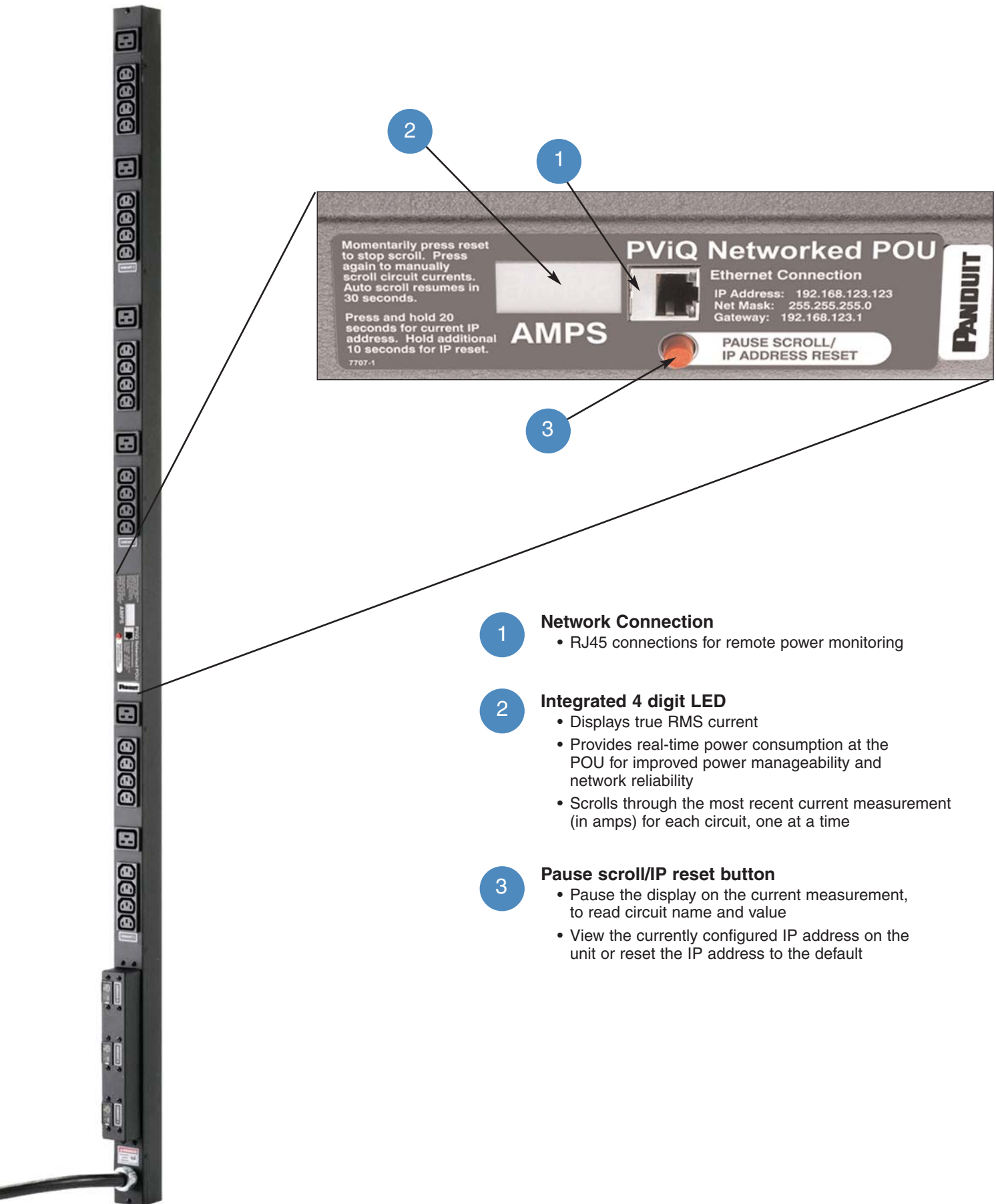
### applications

Panduit's PViQ™ Networked Power Outlet Units can either be utilized standalone for smaller installations or centrally managed by the Physical Infrastructure Manager™ (PIM™) Software Platform for larger data centers. The PViQ™ POU's provide continuous real-time power monitoring via the network for enhanced system management and reliability.

The PViQ™ POUs 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.

<b>PIM™ Software Platform and Module</b>	
<b>Base functionality module:</b>	PIM-BASE
<b>Power module:</b>	PIM-POWER
<b>PanView iQ™ IEC60320 C14 to NEMA 5-15R Adapters</b>	
<b>PViQ™ C14 Power Adapter (US):</b>	PVQ-C14ADPTR-S
<b>PViQ™ C14 Power Adapter (Japan):</b>	PVQ-C14ADPTR-J
<b>Vertical Single Phase, 230V, 32A 4 IEC-13 and 4 IEC-19 Outlets</b>	
<b>Aggregate monitoring:</b>	QZ1D2B2BM08W1
<b>Vertical Single Phase, 230V, 32A 4 IEC-13 and 4 IEC-19 Outlets</b>	
<b>Aggregate amps per outlet monitoring:</b>	QQ1D2B2BM08W1
<b>Vertical Single Phase, 230V, 32A 24 IEC-13 and 6 IEC-19 Outlets</b>	
<b>Aggregate monitoring:</b>	QZ1D2B2BM30P1
<b>Vertical 3~ 230/400V, 32A 24 IEC-13 and 6 IEC-19 Outlets</b>	
<b>Phase/breaker (X,Y,Z) monitoring:</b>	QZ1D2P3BN30P1
<b>Net-Access™ Server Cabinet</b>	
<b>32"W x 45 RU:</b>	CS1, CS2 and CS3
<b>Net-Access™ Switch Cabinet</b>	
<b>32"W x 45 RU:</b>	CN1, CN2 and CN3
<b>Net-Access™ High Density Server Cabinet with Solid Side Panels</b>	
<b>28"W x 42 RU:</b>	S722C122H
<b>28"W x 45 RU:</b>	S752C122H
<b>24"W x 42 RU:</b>	S622C122H
<b>24"W x 45 RU:</b>	S652C122H
<b>Net-Access™ Standard Density Server Cabinet with Solid Side Panels</b>	
<b>28"W x 42 RU:</b>	S722C122F
<b>28"W x 45 RU:</b>	S752C122F
<b>24"W x 42 RU:</b>	S622C122F
<b>24"W x 45 RU:</b>	S652C122F
<b>Net-Access™ Vertical Patch Panel Server Cabinet with Solid Side Panels</b>	
<b>28"W x 42 RU:</b>	S722C122P
<b>28"W x 45 RU:</b>	S752C122P
<b>Net-Access™ Vertical Exhaust Duct Server Cabinet with Solid Side Panels</b>	
<b>28"W x 42 RU:</b>	S722C131HV
<b>28"W x 45 RU:</b>	S752C131HV
<b>24"W x 42 RU:</b>	S622C131HV
<b>24"W x 45 RU:</b>	S652C131HV
<b>Power Cord C13 – C14 end</b>	
<b>1.5 feet:</b>	PC14C13BL1.5
<b>2 feet:</b>	PC14C13BL2
<b>3 feet:</b>	PC14C13BL3

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## Current Monitoring

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

Total Amps	
Circuit 1	0.02 Amps Circuit 1
Circuit 2	0.02 Amps Circuit 2
Circuit 3	0.02 Amps Circuit 3

## Display

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

Unit Name: PVIQ POU  
Unit Location:  
Admin Contact:  
Save Changes

Circuit Names  
Circuit 1: Amps Circuit 1  
Circuit 2: Amps Circuit 2  
Circuit 3: Amps Circuit 3  
Save Changes

## Alarms

- Alarm status provided if current is greater than entered threshold

Warning Alarm  
Circuit 1: 1 0  
Circuit 2: 0 0  
Circuit 3: 0 0  
Save Changes

## Configuration

- Simple network and SNMP configuration for easy setup

Network Settings  
DHCP Enabled: ☐  
IP Address: 192.168.1.109  
Subnet Mask: 255.255.252.0  
Gateway: 192.168.0.2  
MAC Address: 00:15:5D:00:00:00  
Save Changes

SNMP Settings  
Read Community: public  
Trap IP Address: 0.0.0.0  
Trap Community: public  
Write Community: private

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PANDUIT CANADA  
Markham, Ontario  
cs-cdn@panduit.com  
Phone: 800.777.3300

PANDUIT EUROPE LTD.  
London, UK  
cs-emea@panduit.com  
Phone: 44.20.8601.7200

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cs-ap@panduit.com  
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