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 20 Amp circuits and shall have multiple outlet options with standard IEC or NEMA compliant receptacles. Power outlet units shall have ten foot cords using twist lock or straight blade plugs and black powder-coated finish.

technical information

Dimensions:		
	*QZ1A**1C**0BA30P1	66.3"H x 2.0"W x 2.0"D (1683mm x 51mm x 51mm)
	*QZ1A**1C**0BA24E1	66.3"H x 2.0"W x 2.0"D (1683mm x 51mm x 51mm)
	QZ1B1E**0BA24H1	66.3"H x 2.0"W x 2.0"D (1683mm x 51mm x 51mm)
	QZ1B1E**0BA30P1	66.3"H x 2.0"W x 2.0"D (1683mm x 51mm x 51mm)
	QZ1B1J0BA30P1	66.3"H x 2.0"W x 2.0"D (1683mm x 51mm x 51mm)
	QZ1A1J0BA30P1	66.3"H x 2.0"W x 2.0"D (1683mm x 51mm x 51mm)
	QZ1A1J0BA24E1	66.3"H x 2.0"W x 2.0"D (1683mm x 51mm x 51mm)
	QZ1B1J0BA24H1	66.3"H x 2.0"W x 2.0"D (1683mm x 51mm x 51mm)
	QQ1C1J0BA18V1	70"H x 2.0"W x 2.0"D (1778mm x 51mm x 51mm)
	QZ1D1K0BA30P1	66.3"H x 2.0"W x 2.0"D (1683mm x 51mm x 51mm)

*For twist lock plug option replace 1C with 1D

** For twist lock plug option replace 1E with 1F

Power outlet unit mounting:	Vertical power strips provide multiple outlets and do not occupy any rack spaces
Power outlet unit packaging:	All power outlet units include 10' power cords, mounting brackets, screws and tool-less button mounting

key features and benefits

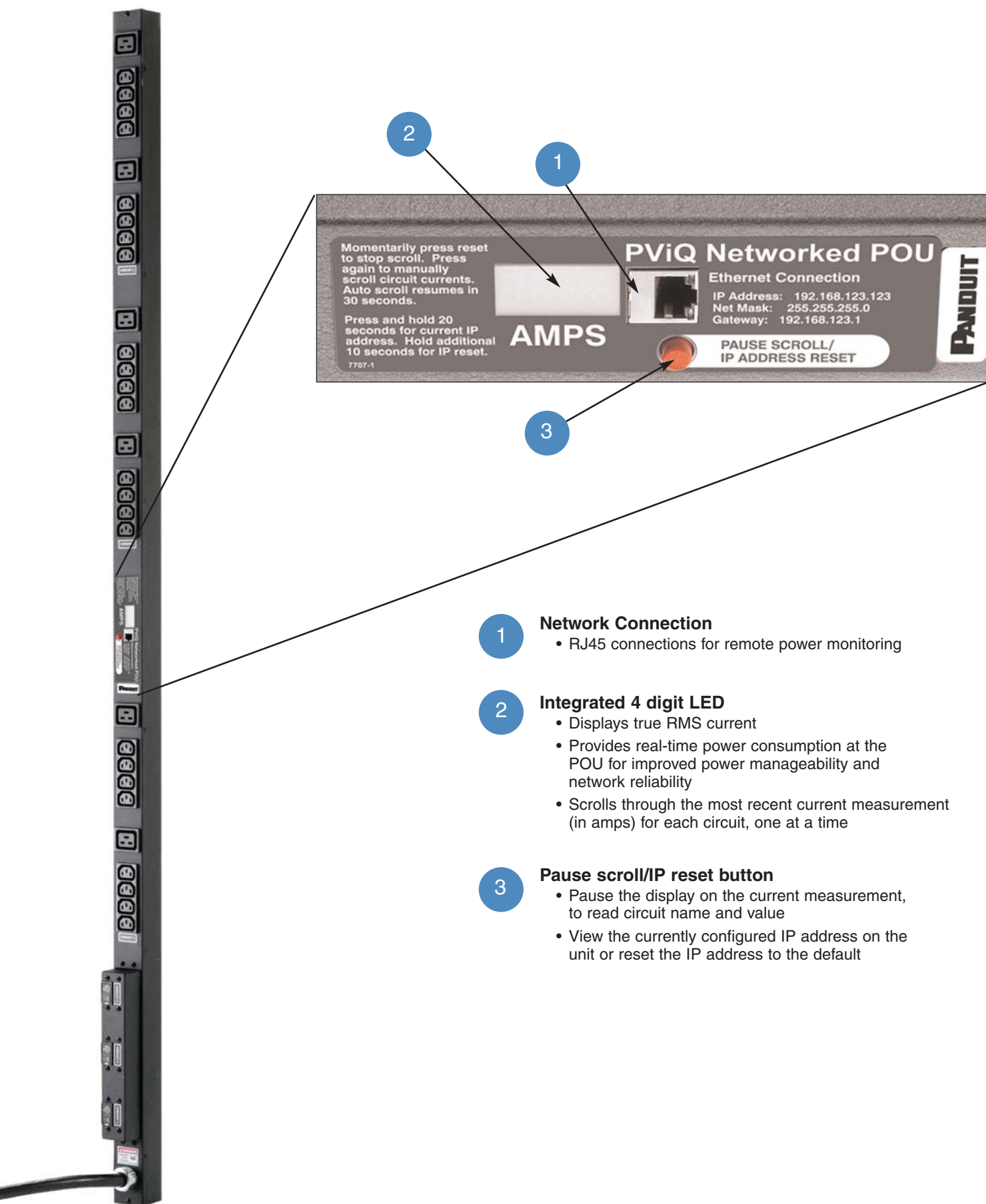| Remote access to power consumption data	Web-based GUI provides global network access to real-time power information to improve data center energy efficiency and reduce operating costs through analysis of power usage and trends
Integrates with Panduit® PIM™ Software	Aggregates power information through a single web based GUI to facilitate easy analysis of data
Integrated power monitoring and management	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
Alarm messaging capability	Provides user-defined alarm/messaging capabilities for specific events that exceeded thresholds to help minimize network downtime
Mounting buttons	Allows tool-less mounting of power strips for faster installations

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™ POUs 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.

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
Vertical Single Phase, 120V, 20A 24 NEMA 5-20 Outlets	
Aggregate monitoring:	QZ1A1C0BA24E1
Vertical Single Phase, 208V, 20A 24 NEMA 6-20 Outlets	
Aggregate monitoring:	QZ1B1E0BA24H1
Vertical Single Phase, 120V 20A 24 IEC-13 and 6 IEC-19 Outlets	
Aggregate monitoring:	QZ1A1C0BA30P1
Vertical Single Phase, 208V 20A 24 IEC-13 and 6 IEC-19 Outlets	
Aggregate monitoring:	QZ1B1E0BA30P1
Vertical 3~ 120V, 20A 24 IEC 13 and 6 IEC-19 Outlets	
Phase (X,Y, Z) monitoring:	QZ1A1J0BA30P1
Vertical 3~ 208V, 20A 24 IEC 13 and 6 IEC-19 Outlets	
Circuit (X,Y, Z) monitoring:	QZ1B1J0BA30P1
Vertical 3~ 120V, 20A 24 NEMA 5-20 Outlets	
Phase (X,Y, Z) monitoring:	QZ1A1J0BA24E1
Vertical 3~ 208V, 20A 24 NEMA 6-20 Outlets	
Circuit (XY,YZ, ZX) monitoring:	QZ1B1J0BA24H1
Vertical 3~ 120/208V, 20A 12 IEC 13 and 6 NEMA 5-20R Outlets	
Phase (X,Y, Z) & outlet monitoring:	QQ1C1J0BA18V1
Vertical 3~ 230/400V, 20A 24 IEC-13 and 6 IEC-19 Outlets	
Phase (X,Y, Z) monitoring:	QZ1D1K0BA30P1
Net-Access™ Server Cabinet	
32"W x 45 RU:	CS1, CS2 and CS3
Net-Access™ Switch Cabinet	
32"W x 45 RU:	CN1, CN2 and CN3
Net-SERV™ High Density Server Cabinet with Solid Side Panels	
28"W x 42 RU:	S722C122H
28"W x 45 RU:	S752C122H
24"W x 42 RU:	S622C122H
24"W x 45 RU:	S652C122H
Net-SERV™ Standard Density Server Cabinet with Solid Side Panels	
28"W x 42 RU:	S722C122F
28"W x 45 RU:	S752C122F
24"W x 42 RU:	S622C122F
24"W x 45 RU:	S652C122F
Net-SERV™ Vertical Patch Panel Server Cabinet with Solid Side Panels	
28"W x 42 RU:	S722C122P
28"W x 45 RU:	S752C122P
Net-SERV™ Vertical Exhaust Duct Server Cabinet with Solid Side Panels	
28"W x 42 RU:	S722C131HV
28"W x 45 RU:	S752C131HV
24"W x 42 RU:	S622C131HV
24"W x 45 RU:	S652C131HV
Power Cord C13 — C14 end	
1.5 feet:	PC14C13BL1.5
2 feet:	PC14C13BL2
3 feet:	PC14C13BL3

Momentarily press reset to stop scroll. Press again to manually scroll circuit currents. Auto scroll resumes in 30 seconds.

Press and hold 20 seconds for current IP address. Hold additional 10 seconds for IP reset.

7707-1

AMPS

PViQ Networked POU

Ethernet Connection

IP Address: 192.168.123.123
Net Mask: 255.255.255.0
Gateway: 192.168.123.1

PANDUIT

PAUSE SCROLL/
IP ADDRESS RESET

1 Network Connection
- RJ45 connections for remote power monitoring

2 Integrated 4 digit LED
- Displays true RMS current
- Provides real-time power consumption at the POU for improved power manageability and network reliability
- Scrolls through the most recent current measurement (in amps) for each circuit, one at a time

3 Pause scroll/IP reset button
- Pause the display on the current measurement, to read circuit name and value
- View the currently configured IP address on the unit or reset the IP address to the default

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

Alarms

- Alarm status provided if current is greater than entered threshold

Configuration

- Simple network and SNMP configuration for easy setup

WORLDWIDE SUBSIDIARIES AND SALES OFFICES

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information

Visit us at www.panduit.com

**Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300 and reference PVSP49**