



If you manage a datacenter, we have a solution for you.

How do I...

Monitor current, voltage, power (kW), apparent power, crest factor and power factor per device?

Monitor kW and kW-h power information per outlet, device, application (groups of devices), cabinet, or location?

Provide kW-h billing reports and trends per outlet, device, application (groups of devices), cabinet or location?

Measure IT Load for "green" efficiency metrics such as PUE and DCiE from The Green Grid and SI-POM and H-POM from The Uptime Institute?

Monitor input current using accurate Digital True RMS current monitoring?



POPS™ Smart CDU®

Provides reliable power monitoring per individual outlet/device to monitor current, voltage, power (kW), apparent power, crest factor and power factor. This CDU also includes branch circuit protection, as well as network power and environmental monitoring.

POPS™ Switched CDU®

Provides power monitoring per individual outlet/device to monitor current, voltage, power (kW), apparent power, crest factor and power factor. This CDU also includes branch circuit protection, network power and environmental monitoring plus Remote Management, including Reboot Commands to connected servers and network equipment.

Sentry Power Manager (SPM)

SPM is a powerful tool which allows monitoring, control capabilities, and management of multiple CDUs in single or multiple locations. Features include alarm management, reporting and trending of kW & kW-h information that can be used for energy efficiency calculations, device monitoring and billing.

POPS CDU Product Family

Power Distribution Solutions for the Data Center Equipment Cabinet



Cabinet power distribution units and power monitoring and measurement solutions for data centers and telecommunications.



Server Technology's experts produce the highest quality rack mount power distribution and monitoring solutions that help manage power capacity, reduce downtime and improve energy efficiency. The leading innovator since 1984, Server Technology created the intelligent cabinet PDU market and

holds the largest number of patents in that industry. Serving the Data Center and Carrier markets, Server Technology offers the most extensive selection of Sentry CDUs to manage power usage for servers, storage and network equipment. Based on the innovative Server Tech Quality Power Architecture (QPA), Sentry CDUs and Sentry Power Manager provide the industry's most accurate information to maximize rack density, reduce overloading and monitor energy efficiency.

All Sentry CDUs are engineered and manufactured to meet the highest quality standards and are100% performance tested for reliability and accuracy. Server Tech QPA eliminates single points of failure, reducing downtime and costs. The modular architecture is flexible and enables quick delivery of solutions that meet customer-specific requirements. Server Technology gives IT and Infrastructure Professionals the control to make accurate capacity planning decisions, reduce risks, and meet energy efficiency goals.

Certifications, Compliance & Warranty

All products contained within this brochure carry one or more of the certifications below. Additional agency certifications are available based on specific market requirements.

- > US & Canada (cTUVus Mark) to UL 60950-1: 2007 and CAN/CSA 22.2 No. 60950-1-07
- > US & Canada (cULus Mark) to UL 60950-1: 2007 and CAN/CSA 22.2 No. 60950-1-07
- > EMC to EN 55022 Class A, EN 55024, CISPR 22 Class A
- > European Union (TUVGS Mark) to EN 60950-1: 2006 + A11
- > FCC Class A, Part 15
- > CE Mark
- > 2 Year Warranty

Feature Key

Sentry CDU product lines feature two or more of the following assets:



Flexible Mounting Options

Zero-U button or bracket mounting for mounting vertical CDUs in the back or on the side of the cabinet to avoid consuming valuable "U" space.



Branch Circuit Protection

All Sentry CDUs meet the UL 60950-1 requirement for branch circuit protection and use either fuses or circuit breakers to protect each branch of outlets.



Input Current Monitoring

The CDUs exclusive True RMS Current Monitoring is critical to preventing overloads in high-density computing environments. Digital LED displays on the CDU enclosure report the input current of each phase or branch circuit.



Environmental Monitoring

External probes, with 3-meter cable, capable of measuring temperature & humidity. Receive SNMP-based or email alerts when conditions exceed defined thresholds.



Expansion Module

Our exclusive method for linking additional outlets, on separate CDUs, together under a single IP address, and provides support for A & B power in-feeds.



IP Access, Security & Communications

Web interface, SSL, SSH, Telnet, SNMP & RS-232 access, 10/100 Base T-Ethernet, SSLv3/TLSv1, SNMPv2, TACACS+, LDAP, LDAPS, RADIUS, DHCP, SMTP/Email, & Syslog.



Individual Outlet Control

Control individual outlets or groups of outlets with ON, OFF, and Reboot functionality to remotely reboot unresponsive servers and network equipment.



POPS[™] (Per Outlet Power Sensing)

Monitor Current Load (A), Voltage (V), Power (W), Apparent Power (VA), Crest Factor and Power Factor per outlet.



PIPS[™] (Per Inlet Power Sensing)

Monitor Current Load (A), Voltage (V), Power (W), Apparent Power (VA), Crest Factor, Reactance, Accumulated Energy (kWh), and Power Factor per inlet.



Cable Retention Clip

Ensures power cords to the connected devices are not accidently unplugged or disconnected.

POPS Smart & Switched CDU

Features and Anatomy

The complexity of IT equipment in today's data centers and remote branch office locations requires new solutions for building a solid infrastructure. It must support 24/7 operations and reduce the instance of locked-up or failing equipment leading to network downtime with the ability to measure and monitor the power of the IT equipment throughout the Data Center. Five nines availability — 99.999% uptime — demands it.

Blade servers and high density computing power requirements continue to increase, creating heat proliferation and more challenges for managing the IT environment. To maintain their competitive advantage, data center managers need solutions that monitor, track and manage servers and IT equipment and the equipment cabinet infrastructure that houses them.



POPS™ Smart CDU®

Smart Cabinet Power Distribution Unit plus Per Outlet Power Sensing (POPS)

The Smart POPS CDU products provide reliable power distribution coupled with remote power and environmental monitoring. Use the network interface to view power, temperature and humidity levels via Web browser, or SNMP-based and email alerts when conditions exceed defined thresholds. POPS (Per Outlet Power Sensing) provides power monitoring per an individual outlet/device. Power information per individual outlet /device includes current, voltage, power (kW), apparent power, crest factor, and power factor.

Add an Expansion Module CDU to Smart and Switched CDUs. Link a master and expansion unit using a single IP address.



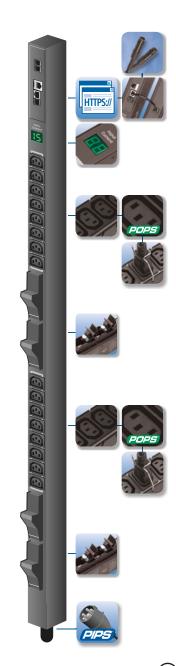
POPS™ Switched CDU®

Switched Cabinet Power Distribution Unit plus Per Outlet Power Sensing (POPS)

The POPS Switched CDU products provide the capability to securely monitor power per individual outlet/ device. Power information per individual outlet /device includes current, voltage, power (kW), apparent power, crest factor, accumulated energy, and power factor. Using our grouping technology through Sentry Power Manager (SPM), power information is available per device, groups of devices (application), individual CDU or cabinet.

POPS Switched CDUs combine networked configuration and management with power distribution and power and environmental monitoring. The POPS Switched CDU enables you to: control cabinet power via a network; reboot a single or dual power server with one command; receive SNMP-based or email alerts when power or environmental conditions exceed thresholds; and assign access rights to user groups or individuals.

POPS Switched CDU products provide the flexibility needed for all data centers and remote sites, including power requirements for high-amperage and high-voltage, EN 60950-1:2001 Branch Circuit Protection, and SNMP traps and email alerts including current monitoring.



Smart & Switched CDU with PIPS PIPS

Per Inlet Power Sensing CDUs



Introducing the best infeed power measurement technology on the market for data center rack-level power monitoring.

PIPS technology replaces power monitoring at the RPP (Remote Power Panel) in data centers with higher accuracy and lower cost monitoring of each power circuit attached to a CDU. This new product feature also replaces the already accurate Digital True RMS feature currently available on intelligent Smart, Switched and POPS CDUs by bringing more types of power measurements from the power infeed to the built in graphic user interface (GUI). Expect the same quality and functionality on current intelligent CDUs, but with an increased level of information to help you make the critical decisions regarding your facility.

PIPS Features

Sentry PIPS works in conjunction with all of the features of a Smart, Switched or POPS CDU with the ability to provide power monitoring per inlet/infeed. Power information per infeed includes current, voltage, power, apparent power, crest factor, reactance, power factor and accumulated energy. The PIPS CDU is capable of being accessed through either a secure network or serial connection. The secure integral web interface provides a simple and easy way to monitor the CDU. Configuration choices include: SNMP traps, email alerts, grouping, and all security and communication settings. Research shows that measuring at the infeed level is the most accurate place to measure power and is recommended by the Green Grid.

Communication Tools

> Web Interface	> SSL & SSH	> LDAPS
> SNMP & RS-232 access	> SSLv3/TLSv1	> RADIUS
> 10/100 Base T-Ethernet	> SNMPv2 & v3	> DHCP
> SMTP/Email	>TACACS+	> Syslog
> Telnet	> LDAP	> IPv6

Power Information & Management

Internal Web Interface



System Configuration

Intelligent CDUs enable network access to remotely configure access, outlets, alarms, thresholds, and more.



Sentry PIPS (Per Inlet/Infeed Power Information)

- > Current (Amps) > Voltage (Volts)
- > Power (Watts) > Apparent Power (VA)
- > Power Factor > Accumulated Energy (kWh)
- > Neutral Current: Measures neutral current



Easy to Read Summary Screen

The new summary screen allows users to quickly confirm the status of the rack power & environmental conditions.



Environmental Monitoring

No additional IP address needed to obtain temperature and humidity readings. A pair of probes (EMTH-1-1) can be added to any intelligent master CDU (Smart or Switched). Additional probes can be added using an EMCU-1-1B (page 9).

POPS Switched CDU POPS

Per Outlet Power Sensing CDUs



Integral Web Interface

Blade servers and high density computing power requirements continue to increase and POPS is the right CDU for that environment. With device-level output control, you can monitor, track and manage servers, IT equipment and the equipment cabinet infrastructure. With the ability to measure, monitor, and report power down to the rack or outlet level, this solution follows the Green Grid's recommendations for acquiring the most accurate power monitoring data.

POPS Features

- > Simple, secure, integral web interface GUI configuration tool
- > Temperature and Humidity Support
- > Authentication logging, configuration changes and system events
- > Secure Syslog protocol support
- > Email notifications of log, event, authorization, power and configuration messages
- > Automatic Firmware Updates via FTP server
- > Strong Password Support and Pre-Login Banner
- > Ability to Ping an IP address to see if the device is responding
- > Grouping of outlets across Master & Expansion CDUs
- > SNMP: Traps based on Status, Changes, Load, Temperature and Humidity
- > Supports 104 user accounts and 18 simultaneous logins with a dedicated SNMP connection

Communication Tools

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> Telnet	> LDAP	> IPv6

Power Information & Management

Internal Web Interface

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System	Outlet Control -	Outlet Control - Individual							
Outlet Control	Individual Outi	it Control							
Individual		ower to individual outlets							
Group	Outlet	Outlet Name	Outlet	Outlet Load	Outlet		Control	Cartra	
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Environmental Monitoring	AAZ	Towers, Infeeds, Outlet2	On	0.00		Details	On	None	
Configuration	AA3	Customer, A. Server, A. P.S.	On	0.00		Details	On	None	
Tools	AA4	Towers, Infeeds, Outlets	On	0.00		Details	On	None	
	AAS	TowerA_InfeedA_OutletS	On	0.00		Details	On	None	
	AAG	Customer, S., Server, A. P.S.	On	0.00		Details	On	hone	
	AAZ	TowerA_InfeedA_Outlet7	On	0.00		Details	On	None	
	AAD	Towers, Infeeds, Outlett	On	0.00		Octavis	On	None	
	ABS	Towers, Infeedb, Outlet1	On	0.00		Details	On	hone	*
	AB2	TowerA_infeedb_Outlet2	On	0.00		Details	On	None	
	A63	Toward_Infeedb_Outlet3	On	0.00		Details	On	None	
	ABI	TowerA_InfeedS_Outlet4	On	0.00		Details	On	None	
	ABS	Towers, (Heeds, Outlets	On	0.00		Details	On	Sone	
	A06	Customer_C_Server_A_PS	On	0.00		Details	On	None	
	AB7	TowerA_InfeedB_Outlet7	On	0.00		Details	On	None	
	A88	TowerA_Infeed8_Outlet8	On	0.00		Details	On	None	
	ACI	Towers_InfeedC_Outlet1	On	0.00		Details	OH	None	
	ACZ	Towers, (refeed), Outlet 2	Che	0.00		Details	OH	None	
Logout	ACS	Cultimer_A_Server_A_P2	On	0.45	91	Details	On	None	
Logona	A04	Yowerk_InfeedC_Outlet4	On	0.00		Details	On	None	

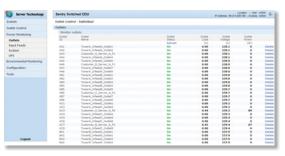
Outlet Control Power Monitoring

- > Individual Outlet Control
- > Current Load Monitoring
- > Power Monitoring
- > Additional Details

Dutlet Control	Group Outle		Outlet Control - Group				
ted-thol		Group Outlet Control					
	Control p	ower to ALL outlets in the selected grou	p				
Greep	Selected	Greep	Steves_Test *				
Power Monitoring		stred Actions	None *				
	Apply 1	Cancel					
Environmental Monitoring							
Configuration		outlets in the selected group					
	Outlet	Outlet	Outlet	Cutlet	Outlet	Cartral	
looks	10	Name	Earland	(A)	(W)	5588	
	661	YorenA, 3rfeedA, Outlet3	On	0.00		Čn.	
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	AAD	Customer_A_Server_A_FS	On	0.00		Or .	
	884	SowerA Selevità Cutteta	On	0.00		On	
	845	Towark, Infeedil, OutletS	On	0.00		On .	
	886	Customer B. Server A. FS	On	0.00		On.	
	AA7	Toward, Infeeda, Outlet?	On	0.00		On.	
	AAS	Toward Infeeds Cultets	On	0.00		Cre .	
	ABL	Towark InfeedS Outlet1	On	0.00		On .	
			Kelresh				

Grouped Outlets Power Information*

- > Cabinet (single IP address using master/expansion configuration for two CDUs)*
- > Device (Multiple Outlets)*
- > Group of Devices (Application)*
- > Individual CDU



Per CDU Power Information

- > Current Load
- > Infeed Voltage (VAC)
- > Input Feed Watts (W)
- > System Total Watts (W)
- > System Footprint
- (SqFt / SqM) > System Watts
- (W/SqFt / W/SqM)



Sentry POPS[™] (Per Outlet Power Sensing)

- > Current Load (A) > Apparent Power (VA)
- > Voltage (V) > Crest Factor > Power (W) > Power Factor

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^{*}Requires Sentry Power Manager (SPM)

Sentry Power Manager

Power Management Architecture

Linkable Expansion Module

The Expansion Module CDU, Smart CLG or Switched CXG, is our exclusive method for linking together outlets on different power circuits.

The Expansion Module CDU, CLG or CXG, increases the number of managed outlets on a single IP address. Each expansion module links to its parent Smart CSG or Switched CWG, which contains both network and serial interfaces. When linked to a Smart or Switched CDU, the CLG's or CXG's outlets are auto-discovered by the Smart or Switched CDUs firmware, and all available outlets are viewable through the firmware.

On the Switched CWG, outlets are individually controllable, or groups of outlets can be controlled between the Switched CWG & CXG with one command. Each Expansion Module CDU can be a single or dual-power feed and a Zero-U or horizontal enclosure.

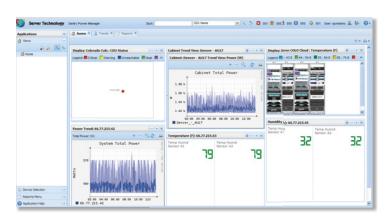
A-Feed B-Feed (CSG/CWG) (CLG/CXG)



Sentry Power Manager

Manage Multiple CDUs Across Multiple Locations

Do you have multiple Sentry CDUs in one or more locations that you would like to access from one central point? Would you like one central location where all alarms can be viewed and logged for reporting, e-mail or SNMP trap notications? No problem! Our Sentry Power Manager (SPM) product is capable of monitoring and managing multiple Sentry devices in IP-based enterprise networks. SPM provides a global view of all Sentry CDUs with the ability to view devices based on their temperature, humidity, current and device status. Besides managing and monitoring all alarm conditions, this information can also be used to provide reporting and trending information for display within SPM or integrated with your existing Building Management System (BMS).



Web Based GUI: Quickly drill down from a global view to the rack level. Users can setup custom network operation center (NOC) views for whatever they want to display — from global dashboard views down to each CDU, cabinet or location.

Event Notification

- > Email notification via the CDU to multiple recipients when an event occurs
- > SNMP traps via the CDU when an event occurs
- > Auto-discovers each CDU for easy configuration
- > Easily create a user interface that mirrors the physical deployment of the data center
- > Quickly drill down from a global perspective to the rack's actual physical location if there is a problem (quickly identify the alarm and the physical location of the CDU)
- > Create outlet clusters to group outlets within a CDU, across linked CDUs or across enterprise locations

Multiple Reporting Options

- > Reporting capabilities to produce reports on critical management parameters such as temperature, humidity and current load
- > Reports on Current and Power providing the power consumption of each input, total for the rack and/or per square foot of the rack

On-Demand Accessibility

- > Real-time view of all active system alarms
- > Anytime, anywhere web-based views
- > Manage thousands of CDUs from a single console

Compatibility

> Server Technology Sentry CDUs with firmware 5.3+

Web Browsers Supported

- > Microsoft Internet Explorer 7.0+
- > Mozilla Firefox 2.0+

Sentry Power Manager

Power Management Architecture



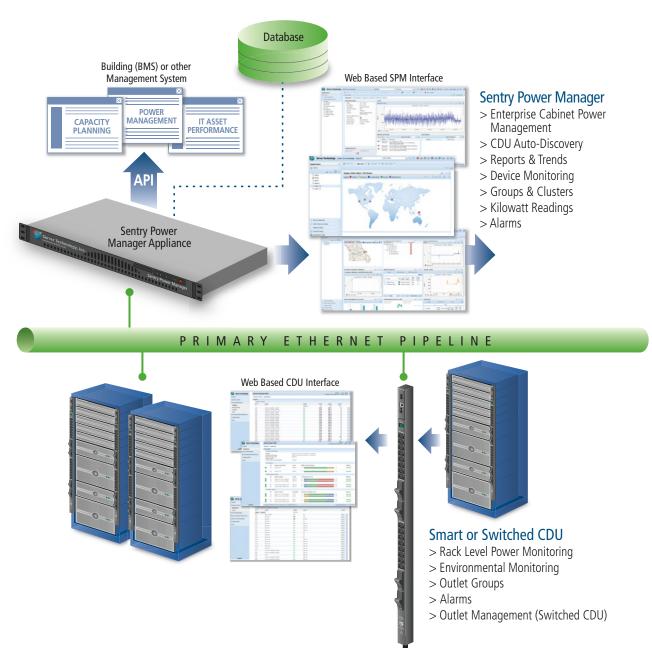
Power Information & Management

Sentry Power Manager

The Sentry Smart and Switched CDUs are capable of being monitored through the SPM (Sentry Power Manager) tool. Sentry intelligent CDUs, in conjunction with SPM, provide additional power information for consumption purposes and power monitoring as well as trending and power reports. An API allows power and other information to be communicated to a Building Management System (BMS) or other systems.

Sentry Power Manager (SPM) Solutions

- > SPM provides a global view of all Sentry CDUs with the ability to view devices based on their temperature, humidity, current and device status. Quickly drill down from global view to your facility maps to an individual CDU.
- > Manage and monitor all user-defined alarm conditions on your entire network.
- > Group and cluster outlets for remote reboot, power measurement information across a single CDU, a linked CDU, or across the entire network.
- > Allows measurement of power consumption and capacity planning.
- > Auto-discover all your CDUs connected to your IP network.
- > View Logs for user access, discovery, user actions, and alarms.
- > Multiple user levels and permissions including support for LDAP.
- > Control individual outlets on Switched CDUs.



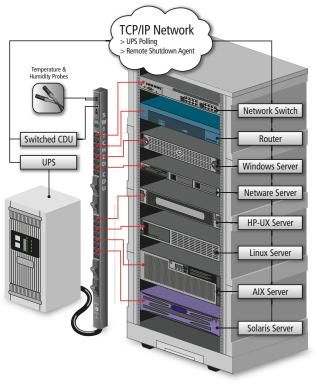
CDU Product Family

Secure Remote Administration Interface and Smart Load Shedding

Sentry Smart Load Shedding

Load Management based on Temperature, In-feed Load, and UPS Status

Server Technology is the first to offer datacenter managers the ability to automatically manage Switched CDU power outlets based on key operating parameters, including temperature, in-feed load, and UPS power status. Each outlet may be controlled by one or more of these parameters. Should the temperature or load current exceed defined thresholds or the UPS lose power and go onto battery, all or a portion of the loads may be automatically shed to ensure longer operational life of your critical devices.



Features

- > Easy to use, integral, web based GUI configuration tool
- > "Auto-recovery" with a reboot delay time when conditions return to normal
- > Each CDU outlet is assigned the IP address of the connected device for shut down notification
- > Remote shutdown agent for server shut down
- > SNMP trap notifications
- > Load shedding event notifications via SNMP traps or Email alerts

Sentry Access, Security & Communication

Secure Remote Administration Interface



Web Based GUI: Individual Outlet Control Screen



Web Based GUI: System Configuration Screen



Web Based GUI: Environmental Monitoring Screen

Features

- > Secure, web based GUI configuration tool
- > Temperature Support (Celsius/ Fahrenheit) and Humidity (%)
- > Logs authentications, configuration changes and system events
- > SNMP and email notifications for multiple users of log, event, power, and authorization, configuration messages
- > SYSLOG logging protocol support
- > Automatic Firmware Updates via FTP
- > Strong Password Support and Pre-Login Banner

Power Information

- > Input Feed Voltage (VAC)
- > Input Feed Watts (W)
- > System Total Watts (W)
- > System Footprint (SqFt / SqM)
- > System Watts/Area (W/SqFt / W/SqM)

Communication Tools

> Web interface, SSL, SSH, Telnet, SNMP & RS-232 access, 10/100 Base T-Ethernet, SSLv3/TLSv1, SNMPv2, TACACS+, LDAP, LDAPS, RADIUS, DHCP, SMTP/ Email, and Syslog.

CDU Plugs & Cords

Plug & Cord Options for Sentry CDUs



Server Technology provides 20A, 30A, and 60A products with a variety of input cord options available. Please refer to the Power Cords and cordset options below for different configurations. Shown below are standard power cord and cordset options.¹²

20A Plugs & Cords

Model Outlets Voltage (V) Amps (A) Length



30A Plugs & Cords

Hard-Wired	Hard-Wired	Hard-Wired	Hard-Wired
NEMA L6-30P	NEMA L15-30P	NEMA L21-30P	NEMA L22-30P
208-240V	3-Phase 208V, Delta	3-Phase 208V, Wye	277/480V, Wye
30A	30A	30A	30A
10' 3m	10' 3m	10' 3m	10' 3m

50A & 60A Plugs & Cords

Model	Hard-Wired	Hard-Wired	Hard-Wired
Outlets	CS8365C	IEC 60309 (4pin, 9hr)	IEC 60309 (5pin, 9hr)
Voltage (V)	3-Phase 208-240V, Delta	3-Phase 208-240V, Delta	3-Phase 208V, Wye
Amps (A)	50A	60A	60A
Length	10' 3m	10' 3m	10' 3m

Accessory Options

	ricessor, opinions		
Model	EMTH-1-1	EMCU-1-1B	C20 Inlet Bracket
Description	Temperature & Humidity Probes	Environmental Monitoring Control Unit	C20 Inlet Retention Bracket
Function	Measures cabinet temperature & humidity	Supports 2 additional EMTH-1-1, water & 4 dry contact closure door sensors	Securely fastens C20 cord to chassis
Length	3m		

1Server Technology offers a wide range of products for North America and global markets. For more information on global products visit our website at www.servertech.com 2Custom cable lengths available; contact a Server Technology Power Expert to determine the correct solution.

POPS Smart CDU

POPS Sn Zero-U Vertica	nart CDU I Enclosures	
Model	CSG-24V2	CSG-24VD/Y
Outlets	(18) C13 + (6) C19	(18) C13 + (6) C19
Input Voltage (V)	208-240V	3-Phase 208-240V
Amps (A)	20A or 30A	20A or 30A
Cabinet kW	4.2kW or 6.2kW	7.2kW or 10.8kW
Output Voltage (V)	208-240V	208-240V
Dimensions	35U 61" 1550mm	40U 69" 1753mm







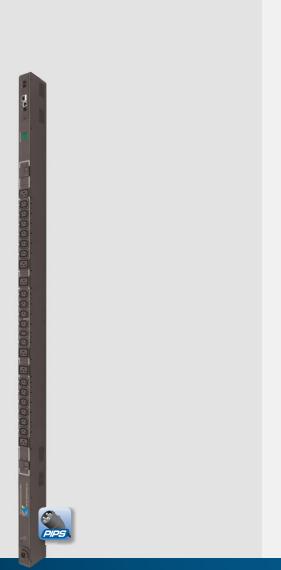














POPS Smart CDU

CSG-24V5	CSG-24VD/Y-A9	CSG-48V5
(12) C13 + (12) C19	(12) C13 + (12) C19	(36) C13 + (12) C19
3-Phase 240/415V	3-Phase 208-240V	3-Phase 208-240V
20A or 30A	50A or 60A	60A
14.4kW or 21.6 kW	18kW or 21.6kW	21.6kW
240V	208-240V	208-240V
41U 70.6" 1794mm	43U 74.8" 1899mm	42U 72.0" 1829mm



POPS Sw Zero-U Vertical I	vitched CDU Enclosures					The leading to the second	B B B B III
Model	CWG-16V2	CWG-16V2-A1	CWG-24V2	CWG-24V2-C1	CWG-24VD/Y	CWG-24VD/Y-A1	CWG-24V5
Outlets	(12) C13 + (4) C19	(12) C13 + (4) C19	(18) C13 + (6) C19	(18) C13 + (6) C19	(18) C13 + (6) C19	(18) C13 + (6) C19	(18) C13 + (6) C19
Input Voltage (V)	208-240V	208-240V	208-240V	208-240V	3-Phase 208-240V	3-Phase 208-240V	3-Phase 240/415V
Amps (A)	20A or 30A	20A or 30A	20A or 30A	20A or 30A	20A or 30A	20A or 30A	20A or 30A
Cabinet kW	4.2kW or 6.2kW	4.2kW or 6.2kW	4.2kW or 6.2kW	4.2kW or 6.2kW	7.2kW or 10.8kW	7.2kW or 10.8kW	14.4kW or 21.6 kW
Output Voltage (V) Dimensions	208-240V 29U 49.4" 1256mm	208-240V 29U 49.4" 1256mm	208-240V 40U 69" 1753mm	208-240V 37U 64" 1625mm	208-240V 40U 69" 1753mm	208-240V 40U 69" 1753mm	240V 40U 69" 1753mm

POPS Swi Zero-U Vertical E	itched CDU					
CWG-24V5-8A1	CWG-24V5-8A9	CWG-24VD/Y-A9	CWG-24VD/VY	CWG-30VD/Y-C2	CWG-30VD/Y	CWG-48VD/Y
(18) C13 + (6) C19	(12) C13 + (12) C19	(12) C13 + (12) C19	(18) C13 + (6) C19	(24) C13 + (6) C19	(30) C13	(48) C13
3-Phase 240/415V	3-Phase 240/415V	3-Phase, 240V	3-Phase 208-240V	208-240V	208-240V	3-Phase 208-240V
20A or 30A 14.4kW or 21.6 kW	20A or 30A 14.4kW or 21.6 kW	50A or 60A 18kW or 21.6kW	50A or 60A 18kW or 21.6kW	20A or 30A 7.2kW or 10.8kW	20A or 30A 7.2kW or 10.8kW	20A or 30A 7.2kW or 10.8kW
240V	240V	208-240V	208-240V	208-240V	208-240V	208-240V
40U 69" 1753mm	40U 69" 1753mm	46U 79.7" 2025mm	40U 70" 1778mm	42U 73.5" 1867mm	42U 73.5" 1867mm	40U 69" 1753mm

Horizontal Rack Mounted Enclosures

	vitched CDU ck Mounted Enclosures	
Model	CWG-8H1	CWG-8H2
Outlets	(8) 5-20R	(8) C13
Input Voltage (V)	100-120V	208-240V
Amps (A)	20A or 30A	20A or 30A
Cabinet kW	2.4kW or 3.6kW	4.2kW or 6.2kW
Output Voltage (V)	100-120V	208-240V
Dimensions	1U 7.1" 181mm Depth	1U 7.1" 181mm Depth





Horizontal Rack Mounted Enclosures

POPS Switched CDU Horizontal Rack Mounted Enclosures		
Model	CWG-16H1	CWG-16H2
Outlets	(16) 5-20R	(16) C13
Input Voltage (V)	100-120V	208-240V
Amps (A)	20A or 30A	20A or 30A
Cabinet kW	2.4kW or 3.6kW	4.2kW or 6.2kW
Output Voltage (V)	100-120V	208-240V
Dimensions	2U 7.1" 181mm Depth	2U 7" 178mm Depth







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