Modular 3-Phase Power Distribution

Key Features

> Flexible Power Distribution – Simple distribution of 3-Phase Power when and where it is needed

> High Power Distribution: 208V or 400 V three phase-power options; 30A, 32A, or 60A power input

> Input Current Monitor: Precisely measure the aggregate current draw (in amps) on each power circuit. Remote verification via web browser or serial screen.

> Multiple Branches: Each Basic Satellite CDU distributes a single phase output

> Local current LED: On-site verification of the input current with the LED digital display, also for load balancing

> Linking: Provides two 3-Phase in-feeds to the cabinet and links both units under one IP address.

> Basic Satellite CDUs: Multiple cord lengths with detachable cords

> Environmental Monitoring: Supports one external temperature and humidity probe and reports conditions through the Web interface

> SNMP Traps: Provides automated alerts for power and environmental conditions

> Vertical, Zero U mounting on the side of the cabinet and does not take up cabinet U space

> IP Access and Security: Web interface, SSL, SSH, Telnet, SNMP, FTP, SNTP, Syslog, LDAP and LDAPS, TACACS and RS-232 access

Flexible and Smart

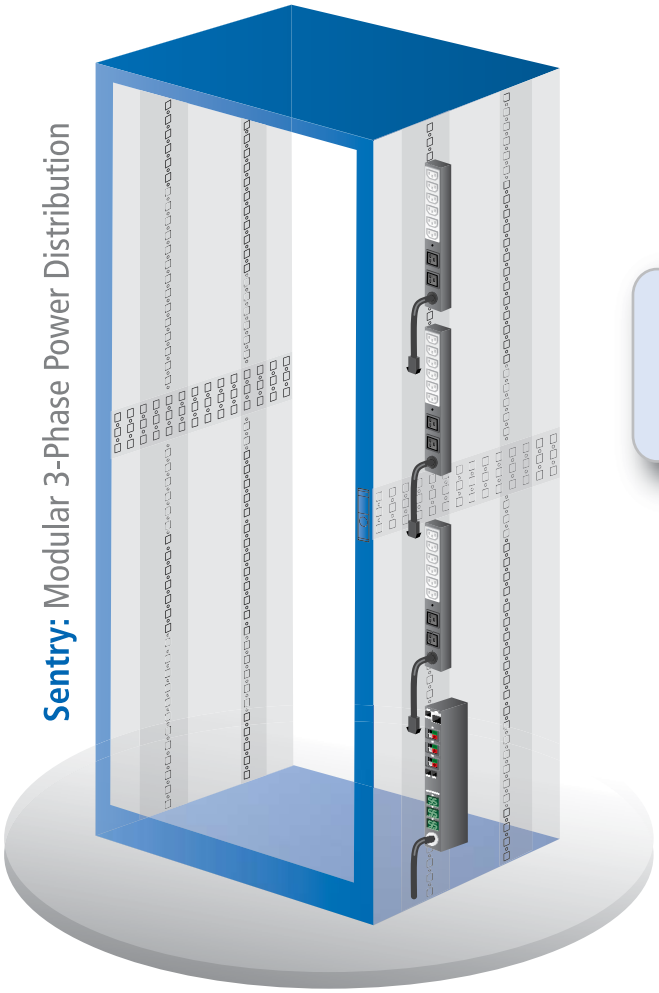


The Sentry™ Modular Cabinet Power Distribution Unit (CDU) family is designed to take a 3-Phase in-feed and distribute single phase power via Basic Satellite CDUs that can be placed anywhere in the cabinet. Each Master and Expansion contains qty (3) LED amp meters for load balancing, one temperature/humidity probe input, serial connection, IP connection and exclusive link port to connect the Expansion CDU for linking CDU's on different power circuits together.

For ease of installation, each Basic satellite CDU comes with a detachable connector with a strain relief. These Basic satellite CDUs are available in different outlet configurations with combination of IEC C13 outlets and IEC C19 outlets and are available with multiple cord lengths. Branch circuit protection is provided within each Basic Satellite CDU.

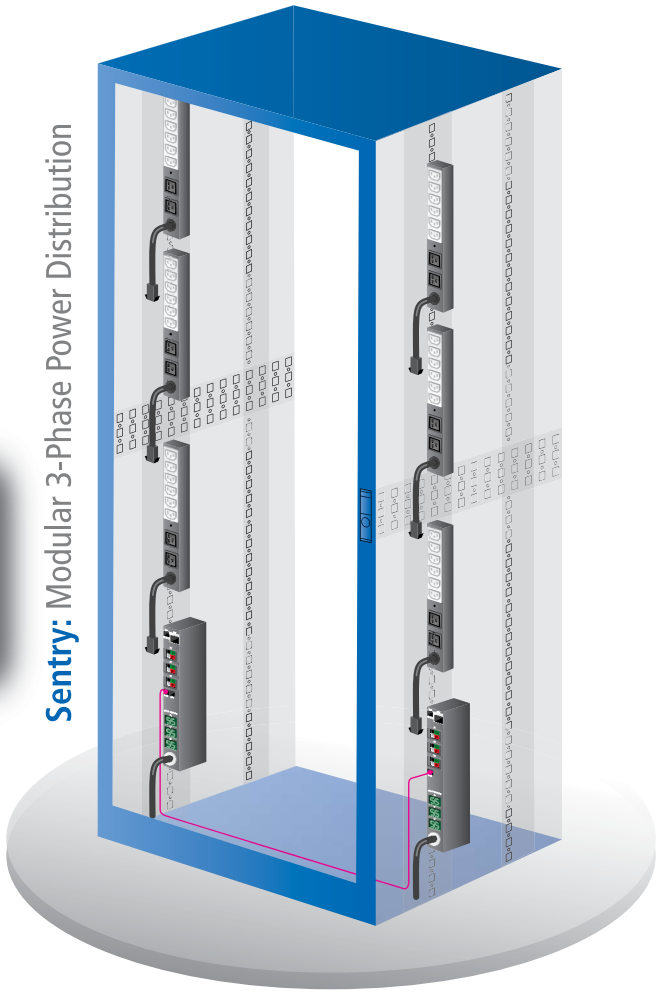
Smart CDU products allow the use of a secure network interface to view power, temperature and humidity levels via a web browser as well as receiving SNMP-based alarms and email alerts when thresholds are exceeded.

All units have 1U vertical enclosures with optional quick mounting brackets for DELL™ and Rittal cabinets. Button and bracket mounting options are also available.



10.8, 21.6 or 22.2 kW of Power:
One 3-Phase 208 V 30/60A or 400 V 32A in-feed providing **10.8, 21.6** or **22.2** kW of power

21.6, 43.2 or 44.4 kW of Power:
Two 3-Phase 208 V 30/60A or 400 V 32A in-feeds providing **21.6, 43.2 or 44.4 kW** of power to both units linked under one IP Address





Expansion Feature:
Unique expansion unit links outlets under one IP address for remote monitoring


Model # CB-4V2-A303


Model # CB-8V2-A30A


Model # CB-8V2-A30B


Model # CB-10V2-A30

Basic Satellite CDUs:
Power distribution with different IEC C13 and IEC C19 outlet configurations available. Available in different cord lengths

Additional Features & Specifications

Agency Approvals

208V

> US & Canada (cTUVus mark) to UL 60950-1:2003 and CAN/CSA 22.2 No. 60950-1-03
> FCC Class A, Part 15
> EMI

400V

> European Union (TUVGSmark) to EN 60950-1:2001
> EMC - EN55022 Class A, EN 55024
> CE

Branch Circuit Protection

> Compliant to UL 60950-1

Communications and Security

> 10/100 BaseT Ethernet
> HTTP/HTTPS
> SSLv3/TLSv1
> SNMPv2
> SSHv2
> Telnet
> LDAPv3 and LDAPS
> TACACS+
> RS-232 (Serial)

Accessories

> Standard Bundle - included with Master, Expansion and Satellites
Part Number # KIT-MBCB-1 (L-Bracket) & KIT-0020 (Button Mount)
> Optional Mounting Bracket for DELL or Rittal cabinets
Part Number # KIT-MBCB-2 for CS/CL & CB units
> Optional 1U Horizontal Mounting Kit
Part Number # KIT-MBCB-3 for CS/CL 30 and 32A units only
> Optional 2U Horizontal Mounting Kit
Part Number # KIT-MBCB-4 for CS/CL 60A units only
> Optional Temperature & Humidity Probe
EMTH-1-1 Temperature & Humidity Probe, 10' (3m)

Master Modular 3-Phase CDUs

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CS-3VD-L304/S1	3-Phase Delta, 208V 50/60Hz	30A	NEMA L15-30P Cordset, 6′ (1.8m)	Select any combination of three Basic Satellite CDUs (See Table Below)	13.7 x 1.73 x 4.76 in. (347 x 44 x 121 mm)
CS-3VY-L304/S1	3-Phase Wye, 208V 50/60Hz	30A	NEMA L21-30P Cordset, 6′ (1.8m)		13.7 x 1.73 x 4.76 in. (347 x 44 x 121 mm)
CS-3V4-P324/S1	3-Phase Wye, 400V 50/60Hz	32A	IEC 60309 Cordset, 6′ (1.8m)		13.7 x 1.73 x 4.76 in. (347 x 44 x 121 mm)
CS-3VD-P604/S1	3-Phase Delta, 208V 50/60Hz	60A	IEC 60309 Cordset, 6′ (1.8m)		13.7 x 1.73 x 4.76 in. (347 x 44 x 121 mm)
CS-3VY-P604/S1	3-Phase Wye, 208V 50/60Hz	60A	IEC 60309 Cordset, 6′ (1.8m)		13.7 x 1.73 x 4.76 in. (347 x 44 x 121 mm)

Expansion Modular 3-Phase CDUs

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CL-3VD-L304/S1	3-Phase Delta, 208V 50/60Hz	30A	NEMA L15-30P Cordset, 6′ (1.8m)	Select any combination of three Basic Satellite CDUs (See Table Below)	13.7 x 1.73 x 4.76 in. (347 x 44 x 121 mm)
CL-3VY-L304/S1	3-Phase Wye, 208V 50/60Hz	30A	NEMA L21-30P Cordset, 6′ (1.8m)		13.7 x 1.73 x 4.76 in. (347 x 44 x 121 mm)
CL-3V4-P324/S1	3-Phase Wye, 400V 50/60Hz	32A	IEC 60309 Cordset, 6′ (1.8m)		13.7 x 1.73 x 4.76 in. (347 x 44 x 121 mm)
CL-3VD-P604/S1	3-Phase Delta, 208V 50/60Hz	60A	IEC 60309 Cordset, 6′ (1.8m)		13.7 x 1.73 x 4.76 in. (347 x 44 x 121 mm)
CL-3VY-P604/S1	3-Phase Wye, 208V 50/60Hz	60A	IEC 60309 Cordset, 6′ (1.8m)		13.7 x 1.73 x 4.76 in. (347 x 44 x 121 mm)

Basic Satellite CDUs

Basic Satellite CDUs distribute power from Master or Expansion CDUs

Model	Amperage*	Available Input Cord	IEC C13 Outlets	IEC C19 Outlets	Dimensions (L x W x D)
CB-4V2-A303/S1	32A	18″ (.45m) cord	---	(4) IEC 60320/C19	13.7 x 1.73 x 2.24 in. (347 x 44 x 57 mm)
CB-4V2-A303/S2	32A	36″ (.91m) cord	---	(4) IEC 60320/C19	
CB-4V2-A303/S3	32A	54″ (1.4m) cord	---	(4) IEC 60320/C19	
CB-4V2-A303/S4	32A	72″ (1.8m) cord	---	(4) IEC 60320/C19	
CB-8V2-A30A/S1	32A	18″ (.45m) cord	(6) IEC 60320/C13	(2) IEC 60320/C19	13.7 x 1.73 x 2.24 in. (347 x 44 x 57 mm)
CB-8V2-A30A/S2	32A	36″ (.91m) cord	(6) IEC 60320/C13	(2) IEC 60320/C19	
CB-8V2-A30A/S3	32A	54″ (1.4m) cord	(6) IEC 60320/C13	(2) IEC 60320/C19	
CB-8V2-A30A/S4	32A	72″ (1.8m) cord	(6) IEC 60320/C13	(2) IEC 60320/C19	
CB-8V2-A30B/S1	32A	18″ (.45m) cord	(4) IEC 60320/C13	(4) IEC 60320/C19	13.7 x 1.73 x 2.24 in. (347 x 44 x 57 mm)
CB-8V2-A30B/S2	32A	36″ (.91m) cord	(4) IEC 60320/C13	(4) IEC 60320/C19	
CB-8V2-A30B/S3	32A	54″ (1.4m) cord	(4) IEC 60320/C13	(4) IEC 60320/C19	
CB-8V2-A30B/S4	32A	72″ (1.8m) cord	(4) IEC 60320/C13	(4) IEC 60320/C19	
CB-10V2-A30/S1	32A	18″ (.45m) cord	(10) IEC 60320/C13	---	13.7 x 1.73 x 2.24 in. (347 x 44 x 57 mm)
CB-10V2-A30/S2	32A	36″ (.91m) cord	(10) IEC 60320/C13	---	
CB-10V2-A30/S3	32A	54″ (1.4m) cord	(10) IEC 60320/C13	---	
CB-10V2-A30/S4	32A	72″ (1.8m) cord	(10) IEC 60320/C13	---	

** Delivered amperage based on Master & Expansion CDUs*

Server Technology, Inc. North America
1040 Sandhill Drive
Reno, NV 89521
USA
sales@servertech.com
TF: +1.800.835.1515
T: +1.775.284.2000
F: +1.775.284.2065
www.servertech.com
www.servertechblog.com

Server Technology, Inc. EMEA
Sienna Court
The Broadway
Maidenhead
Berkshire
SL6 1NJ, UK
T: +44 (0) 1628 509053
F: +44 (0) 1628 509100
www.servertech.com
www.servertechblog.com
salesint@servertech.com

Server Technology, Inc. Asia/Pacific
37th Floor
Singapore Land Tower
50 Raffles Place
Singapore 048623
T: +65 (0) 6829 7008
F: +65 (0) 6234 4574
www.servertech.com
www.servertechblog.com
salesint@servertech.com

© Server Technology, Inc. Sentry is a trademark of Server Technology, Inc. 2/2008. Information within this document is subject to change without notice.
Protected by one or more of the following Patents, Patent #7,043,543. Patent Pending. Printed in US.