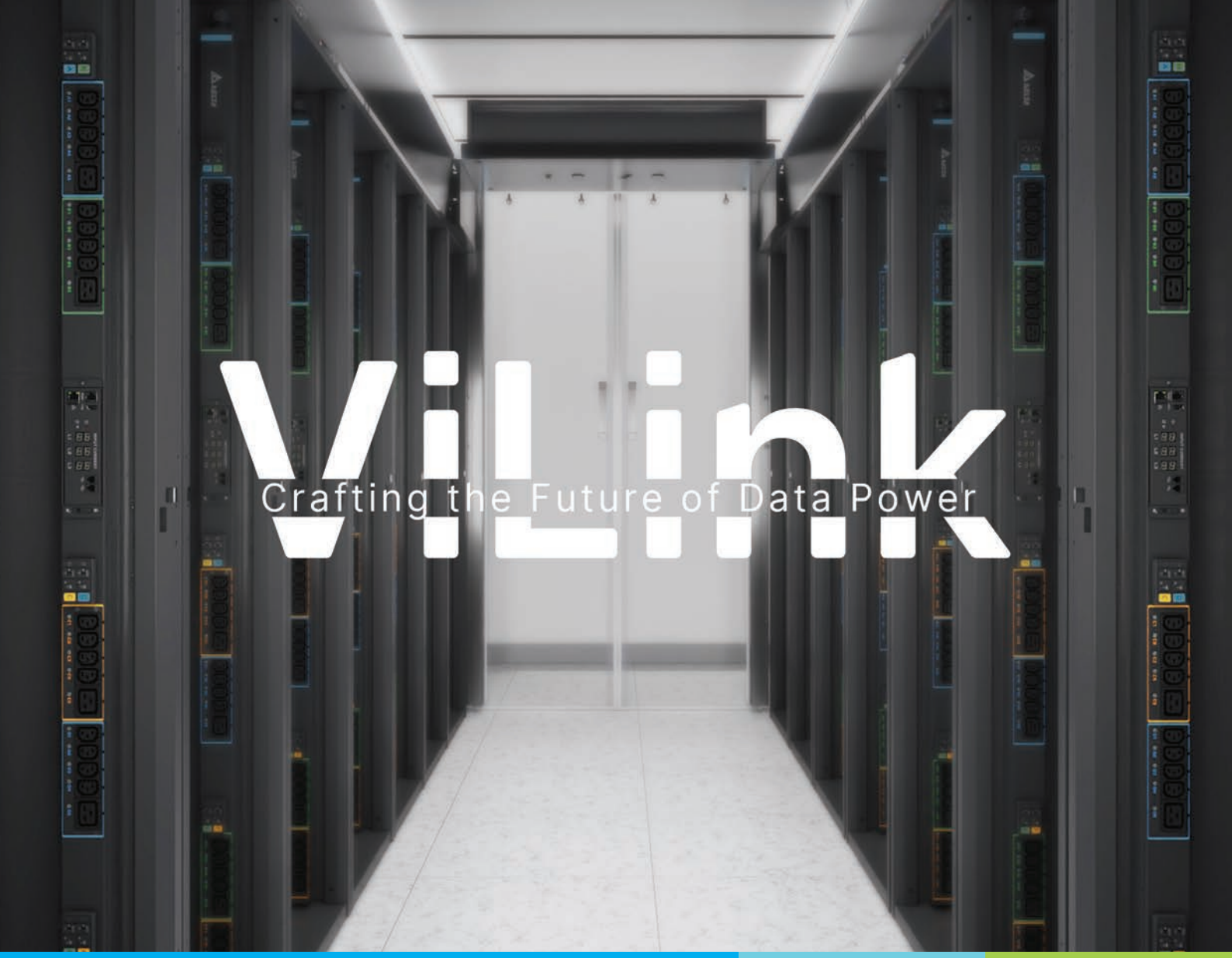


Rack Power Distribution Unit

ViLink Series
Metered/Switched Type

Connect to the Future with ViLink

Your Vital Power Link

Transform your network with Delta's state-of-the-art ViLink rPDU solutions, crafted for unparalleled performance and reliability. Our journey begins with the essential rPDU, laying the foundation for efficient power distribution and control. With the launch of Delta ViLink, we transcend basic functionality to offer advanced metered and switched rPDUs, revolutionizing energy management and optimization.

Experience how ViLink optimizes datacenter availability, reliability, and management. Join us in exploring the compelling features of the ViLink rPDU!

Unparalleled Reliability

- Industrial-grade mechanical design
- Cybersecurity and authentication
- Fault detection
- Outlet cable retention
- Up to 60°C ambient with full capacity
- UL-certified branch circuit protection

Unbound Integration

- Auto-flip local display
- Low-profile design, 0U
- Support side and rear mounting
- Network protocols versatility

Ultimate Management

- Power quality monitoring
- Power monitoring with 1% billing-grade accuracy
- All-in-one web monitoring
- Daisy chain up to 40 rPDU under 1 IP
- Customizing for unique datacenter needs

Applications

Datacenter

Telecom

Manufacturing Facility

Commercial Building

Healthcare

Transportation

Embark on a journey of power management with ViLink rPDU solutions. Unveiling an array of features tailored to meet your every need, our metered type and switched type rPDUs are designed to revolutionize your power management experience! Stay tuned as we reveal a comprehensive comparison chart showcasing the unique benefits of each rPDU, empowering you to make informed decisions for optimized performance and streamlined operations.

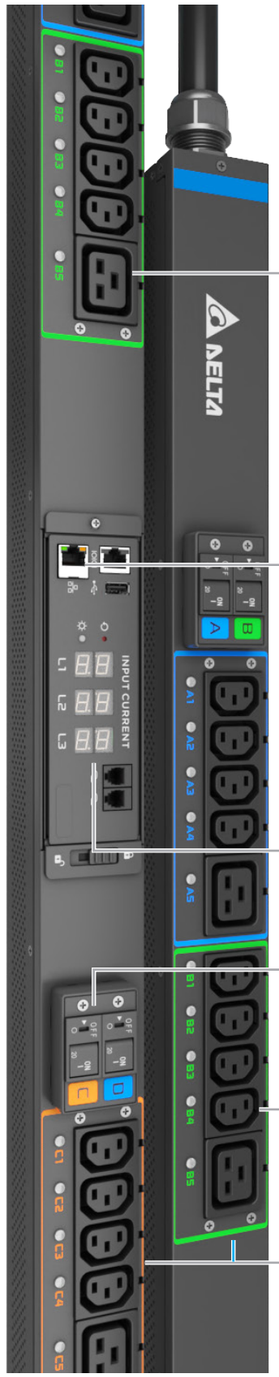
Metered vs. Switched rPDU: Feature Breakdown

Type	Metered rPDU	Switched rPDU
Design Features		
0U ultra-low profile	●	●
Support side/rear installation	●	●
Up to 60°C ambient with full capacity	●	●
Tool-less replacement	●	●
Reliability		
UL489-certified hydraulic-magnetic circuit breakers	●	●
Hot-swappable RMC	●	●
RMC robustness for phase-loss(1)	●	●
Cable retention	●	●
Outlet fault detection		●
Power Management		
Input & branch metering	●	●
1% billing grade accuracy	●	●
Outlet Control		
Individual outlet remote on/off, reboot and delay control		●
Outlet grouping (one or across multiple units with a single command)		●
User-definable on/ off sequence		●
Display and Network Management		
Auto-flip display supports top/bottom cable entry	●	●
Ethernet connectivity	●	●
Multiple protocols w/ 1Gbps Ethernet	●	●
40 rPDUs daisy-chained under 1 IP	●	●
All-in-one web UI	●	●
Advanced cybersecurity with HTTPS encryption and user-defined certificates	●	●
Authentication: user access control	●	●
Console port for local FW upgrades	●	●

(1) Applicable for 3-phase models.

Unparalleled Reliability & Integration

Visual Overview of Key Features



0U Ultra-Low Profile

Perfect fit for EIA racks, supporting both side and rear installation

Industrial-Grade Mechanical Design

Up to 60°C: High-temperature resilience ensures consistent operation without derating

Outlet Control

- Individual outlet remote control
- User-definable sequential startup and shutdown outlets
- Single-command output grouping across multiple rPDUs

Outlet Fault Detection

Detects relay faults and input power failures, reducing down-time and operational costs

Protocol Versatility

HTTP, HTTPS, DNS, NTP, SMTP, SMTPS, SNMP (V1/ V2c/ V3), Telnet, UDP, TCP/ IP, IPv4, IPv6, ICMP, ICMPv6, ARP, MAC, Modbus TCP/ IP

Cybersecurity and Authentication

Supports state-of-the-art authentication (e.g., LDAPS, RADIUS, MD5, SHA) to secure access to the rPDU

Auto-Flip Display

Supports top and bottom entry installation

UL-Certified Branch Circuit Protection

UL489 magnetic-hydraulic circuit breaker: ensures reliable overcurrent protection with added safety

Cable Retention

Standard cable ties, extend with optional sleeves, P-Locks, IEC-Locks

Color Options

Color-coded outlets and circuit breakers for fast identification and simplified management

Ultimate Management Features

Remote Monitoring Controller (RMC) Highlights

Hot-Swappable & Tool-Less Replacement

RMC Uninterrupted with Single-Phase Loss

Exclusive design, with 3-phase option

Connect 40 rPDUs under 1 IP Address

Supports daisy chain and ring chain, with optional terminal resistor

Power Monitoring with 1% Billing-Grade Accuracy

Phase current real-time display meets IEC 62053-21 class 1 standards

System Status Indicator

Quick status monitoring through LED indicators

Event Log Download

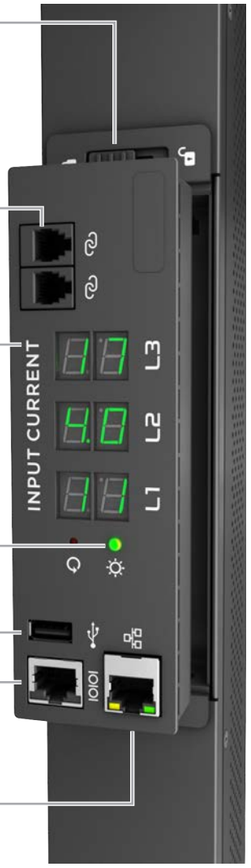
Streamlined troubleshooting for further analysis, optimizing maintenance plans

Environment Monitoring

Connect to Delta temperature and humidity sensor (EMS1000) for proactive rack monitoring

1Gbps Ethernet

10/ 100/ 1000 Mbps Ethernet via RJ45

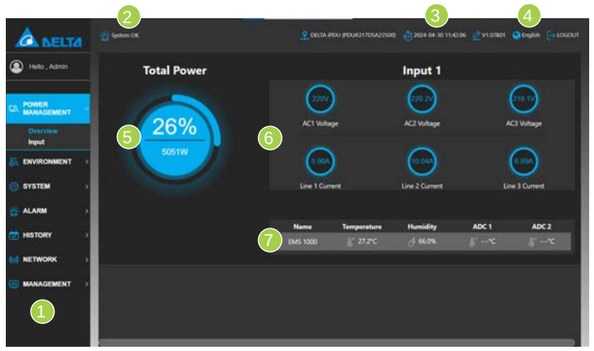


Simplified Power Oversight

All-in-One rPDU Web UI

The Web UI enables easy online monitoring and control via Ethernet connectivity.

1. Control menu
2. System status
3. Date & time
4. Language selection
5. Power information
6. AC input information
7. Environment information



ViLink rPDU Metered Type

Elevate with Metered rPDU

Experience real-time remote monitoring of connected loads with the ViLink Metered rPDU, delivering immediate insights for power optimization.

Metered rPDU benefits:

- Input Power Monitoring: Track input current, power (W/ Wh/ VA), THDv, THDi, and power factor
- Phase Monitoring: Monitor current, power, and voltage to ensure balanced loads
- Internal Circuit Breaker: Safeguard against overloads with current monitoring
- Outlet Monitoring: Provide branch-level current, power, and energy usage insights

Why choose a Metered rPDU?

- Efficient Planning: Track rack-level capacity changes
- Phase Balance: Prevent circuit breaker trips by balancing loads
- Detailed Insights: Gain detailed capacity and usage trends

Choose a Metered rPDU for comprehensive and proactive power management.

Model List

Mounting U-Space	Phase & Voltage	Input Current	Input Plug Type	Output Receptacles	Cord Length	Safety	Model
Vertical, 0U	1P, L-N, 200-240 Vac	32A(CE)/ 24A(UL)	IEC 309 (2P+PE), 6H	C13(36),C19(6)	3m	CE, UKCA, UL	PDUA117BSA23500
Vertical, 0U	1P, L-N, 200-240 Vac	32A(CE)/ 24A(UL)	IEC 309 (2P+PE), 6H	C13(42)	3m	CE, UKCA, UL	PDUA117BSA23501
Vertical, 0U	1P, L-L, 208 Vac	24A	NEMA L6-30P	C13(36),C19(6)	3m	UL	PDUA214KEA2B800
Vertical, 0U	1P, L-L, 208 Vac	24A	NEMA L6-30P	C13(42)	3m	UL	PDUA214KEA2B801
Vertical, 0U	1P, L-L, 208 Vac	30A	NEMA L6-30P	C13(36),C19(6)	3m	PSE	PDUA216KEA2B500
Vertical, 0U	1P, L-L, 208 Vac	30A	NEMA L6-30P	C13(42)	3m	PSE	PDUA216KEA2B501
Vertical, 0U	3P, Delta, 208 Vac	16A	NEMA L21-20P	C13(36),C19(6)	3m	UL	PDUA412PDA2B800
Vertical, 0U	3P, Delta, 208 Vac	16A	NEMA L21-20P	C13 (42)	3m	UL	PDUA412PDA2B801
Vertical, 0U	3P, Delta, 208 Vac	24A	NEMA L21-30P	C13(36),C19(6)	3m	UL	PDUA414PEA2B800
Vertical, 0U	3P, Delta, 208 Vac	24A	NEMA L21-30P	C13(42)	3m	UL	PDUA414PEA2B801
Vertical, 0U	3P, WYE, 346-415 Vac	16A	IEC 309 (3P+N+PE), 6H	C13(36),C19(6)	3m	CE, UKCA	PDUA312DPA23500
Vertical, 0U	3P, WYE, 346-415 Vac	16A	IEC 309 (3P+N+PE), 6H	C13(42)	3m	CE, UKCA	PDUA312DPA23501
Vertical, 0U	3P, WYE, 346-415 Vac	16A	IEC 309 (3P+N+PE), 6H	C13(36),C19(6)	3m	CE, UKCA, UL	PDUA312DPA23502
Vertical, 0U	3P, WYE, 346-415 Vac	16A	IEC 309 (3P+N+PE), 6H	C13(42)	3m	CE, UKCA, UL	PDUA312DPA23503
Vertical, 0U	3P, WYE, 346-415 Vac	32A	IEC 309 (3P+N+PE), 6H	C13(36),C19(6)	3m	CE, UKCA	PDUA317DSA23500
Vertical, 0U	3P, WYE, 346-415 Vac	32A	IEC 309 (3P+N+PE), 6H	C13(42)	3m	CE, UKCA	PDUA317DSA23501
Vertical, 0U	3P, WYE, 346-415 Vac	30A(PSE)/ 24A(UL)	IEC 309 (3P+N+PE), 6H	C13(36),C19(6)	2m	UL, PSE	PDUA314DRA2B8J0
Vertical, 0U	3P, WYE, 346-415 Vac	32A(CE)/ 24A(UL)	IEC 309 (3P+N+PE), 6H	C13(36),C19(6)	3m	CE, UKCA, UL	PDUA317DSA23502
Vertical, 0U	3P, WYE, 346-415 Vac	32A(CE)/ 24A(UL)	IEC 309 (3P+N+PE), 6H	C13(42)	3m	CE, UKCA, UL	PDUA317DSA23503
Vertical, 0U	3P, WYE, 346-415 Vac	48A	IEC 309 (3P+N+PE), 6H	C13(36),C19(18)	2m	CE, UKCA	PDUA31ADUA2B801
Vertical, 0U	3P, WYE, 346-415 Vac	48A	IEC 309 (3P+N+PE), 6H	C13(36),C19(18)	2m	UL	PDUA31ADUA2B800
Vertical, 0U	3P, WYE, 346-415 Vac	48A	IEC 309 (3P+N+PE), 6H	C13(36),C19(18)	2m	PSE	PDUA31ADUA2B500

All specifications are subject to change without prior notice.

ViLink rPDU Switched Type

Command with Switched rPDU

Take command of your power distribution with advanced load monitoring and outlet sequence control, optimizing every aspect of your operations.

Switched rPDU benefits:

- Remote Device Control: Manage power to individual devices remotely
- Load Balancing: Distribute power to balance loads effectively
- Sequenced Power: Control on/off sequences for connected equipment
- Fault Detection: Detect relay faults and input power failures to enable fast troubleshooting and reduce downtime and OPEX

Why choose a Switched rPDU?

- Remote Management: Control power to connected devices through the all-in-one web UI
- Flexibility: Customize power settings and schedules for optimal operation
- Prevent Downtime: Ensure equipment stability with sequenced power control
- Streamlined Operations: Simplify power management to increase operational efficiency

Choose a Switched rPDU for flexible and efficient power control in your network.

Model List

Mounting U-Space	Phase & Voltage	Input Current	Input Plug Type	Output Receptacles	Cord Length	Safety	Model
Vertical, 0U	1P, L-N, 200-240 Vac	32A(CE)/ 24A(UL)	IEC 309 (2P+PE), 6H	C13(36),C19(6)	3m	CE, UKCA, UL	PDUA127BSA23500
Vertical, 0U	1P, L-N, 200-240 Vac	32A(CE)/ 24A(UL)	IEC 309 (2P+PE), 6H	C13(42)	3m	CE, UKCA, UL	PDUA127BSA23501
Vertical, 0U	3P, Delta, 208 Vac	16A	NEMA L21-20P	C13(24),C19(6)	3m	UL	PDUA422PDA2B800
Vertical, 0U	3P, Delta, 208 Vac	16A	NEMA L21-20P	C13(30)	3m	UL	PDUA422PDA2B801
Vertical, 0U	3P, Delta, 208 Vac	24A	NEMA L21-30P	C13(24),C19(6)	3m	UL	PDUA424PEA2B800
Vertical, 0U	3P, Delta, 208 Vac	24A	NEMA L21-30P	C13(30)	3m	UL	PDUA424PEA2B801
Vertical, 0U	3P, Delta, 208 Vac	24A	NEMA L15-30P	C13(24),C19(6)	3m	UL	PDUA424NEA2B800
Vertical, 0U	3P, Delta, 208 Vac	24A	NEMA L15-30P	C13(30)	3m	UL	PDUA424NEA2B801
Vertical, 0U	3P, Delta, 208 Vac	28A	NEMA L15-30P	C13(24),C19(6)	3m	PSE	PDUA425NEA2B500
Vertical, 0U	3P, Delta, 208 Vac	28A	NEMA L15-30P	C13(30)	3m	PSE	PDUA425NEA2B501
Vertical, 0U	3P, Delta, 208 Vac	28A	CS8365	C13(24),C19(6)	3m	UL	PDUA425SGA2B800
Vertical, 0U	3P, Delta, 208 Vac	28A	CS8365	C13(30)	3m	UL	PDUA425SGA2B801
Vertical, 0U	3P, WYE, 346-415 Vac	16A	IEC 309 (3P+N+PE), 6H	C13(24),C19(6)	3m	CE, UKCA	PDUA322DPA23500
Vertical, 0U	3P, WYE, 346-415 Vac	16A	IEC 309 (3P+N+PE), 6H	C13(30)	3m	CE, UKCA	PDUA322DPA23501
Vertical, 0U	3P, WYE, 346-415 Vac	16A	IEC 309 (3P+N+PE), 6H	C13(24),C19(6)	3m	CE, UKCA, UL	PDUA322DPA23502
Vertical, 0U	3P, WYE, 346-415 Vac	16A	IEC 309 (3P+N+PE), 6H	C13(30)	3m	CE, UKCA, UL	PDUA322DPA23503
Vertical, 0U	3P, WYE, 346-415 Vac	32A	IEC 309 (3P+N+PE), 6H	C13(24),C19(6)	3m	CE, UKCA	PDUA327DSA23500
Vertical, 0U	3P, WYE, 346-415 Vac	32A	IEC 309 (3P+N+PE), 6H	C13(30)	3m	CE, UKCA	PDUA327DSA23501
Vertical, 0U	3P, WYE, 346-415 Vac	32A(CE)/ 24A(UL)	IEC 309 (3P+N+PE), 6H	C13(24),C19(6)	3m	CE, UKCA, UL	PDUA327DSA23502
Vertical, 0U	3P, WYE, 346-415 Vac	32A(CE)/ 24A(UL)	IEC 309 (3P+N+PE), 6H	C13(30)	3m	CE, UKCA, UL	PDUA327DSA23503
Vertical, 0U	3P, WYE, 346-415 Vac	32A(CE)/ 24A(UL)	IEC 309 (3P+N+PE), 6H	C13(36),C19(6)	3m	CE, UKCA, UL	PDUA327DSA23504
Vertical, 0U	3P, WYE, 346-415 Vac	32A(CE)/ 24A(UL)	IEC 309 (3P+N+PE), 6H	C13(42)	3m	CE, UKCA, UL	PDUA327DSA23505
Vertical, 0U	3P, WYE, 346-415 Vac	32A(CE)/ 24A(UL)	IEC 309 (3P+N+PE), 6H	C13(24),C19(12)	3m	CE, UKCA, UL	PDUA327DSA23506
Vertical, 0U	3P, WYE, 346-415 Vac	32A(CE)/ 24A(UL)	IEC 309 (3P+N+PE), 6H	C13 (36)	3m	CE, UKCA, UL	PDUA327DSA23507

All specifications are subject to change without prior notice.

Optional Accessories

Item	Function	Part Number
Retention sleeve-C14	For stronger connection with the outlet socket	3798C000000563-S
Retention sleeve-C20		3798C000000564-S
Terminal Resistor	Connect multiple units via daisy chain ports for centralized management	3798C000000707-S
RJ11-RJ11 Cable (1 m)		3798C000000708-S
RJ11-RJ11 Cable (3 m)		3798C000000709-S
RJ11-RJ11 Cable (5 m)		3798C000000710-S
EMS1000	Monitors temperature and humidity within a single cabinet	EMS1000000

Explore Delta's Online rPDU Finder for Your Perfect Fit

Use online rPDU Finder to help you choose from:

- Product type (metered/switched)
- Form factor
- Input plug and current
- Output plug type and quantity

The rPDU Selector offers:

- Mechanical drawing
- Electrical diagrams
- Technical Specification
- User Manual

rPDU Selector

Craft Your Ideal rPDU with Delta's Customizable Options

Configure-to-order and engineer-to-order capability.

Cord Length Change

Outlet Type and Quantity

Input Plug Type

Housing Color

Nominal Voltage	100-415 Vac
Phase	1-phase, 3-phase
Product Type	Basic, Metered, Switched
Form Factor	0U, 1U, 2U
Rated Current	10-63 A

Customized Request

Delta: Your Complete Datacenter Solutions Provider

In the datacenter environment, dependable power supply and cooling are equally vital alongside dependable power distribution. Delta ensures excellence on every front, delivering uninterrupted power flow for optimal performance.

Uninterruptible Power Supply (UPS)

Rack-mount UPS (1-20 kVA)

- Unity power factor, up to 96.5% AC-AC efficiency
- Support VRLA or Li-ion battery

Modular UPS (20-2000 kVA)

- Ultra-high power density: 125kW/50kW (3U); 20kW (2U) power modules
- Up to 97.5% AC-AC efficiency

Monolithic UPS (250-2500 kW)

- Support 3P3W/3P4W
- Top-tier efficiency: up to 97.7% AC-AC efficiency
- Smart grid management: built-in synchronized multiple bus; grid-interactive demand response

Cooling

Liquid Cooling

- CDU: Liquid-to-Liquid & Liquid-to-Air CDU
- Immersion cooling: 1-phase & 2-phase

Air Cooling

- Rear door heat exchanger
- CRAH & In-row cooling

Rack & Accessories

Modular Rack

- Tool-less setup, with 70% perforation
- EIA-310-D compliant

Management System

Datacenter Infrastructure Management (DCIM)

- Unified IT/facility management
- PUE and energy monitoring and optimization

Smarter. Greener. Together.

Delta, founded in 1971, is a global leader in power and thermal management with a thriving portfolio of IoT-based smart energy-saving solutions in the fields of data center infrastructure, microgrids, smart manufacturing, intelligent buildings, and E-mobility to nurture mankind's sustainable development. As a world-class corporate citizen guided by its corporate mission, "To provide innovative, clean and energy-efficient solutions for a better tomorrow," Delta leverages its core competence in high-efficiency power electronics and its ESG-embedded business model to address key environmental issues related to climate change. Delta serves customers through its sales offices, R&D centers and manufacturing facilities spread over close to 200 locations across 5 continents. Throughout its history, Delta has received numerous awards and worldwide recognition for its business achievements, innovative technologies, and dedication to ESG.

Delta Group

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