ENCONNEX®
Born to Innovate™

Power Distribution Units

Our complete line of high quality, high performance PDUs

We've Got the Power!

Power On. Best-in-class PDUs for network server racks and cabinets. A full line of basic, metered, switched, and universal PDUs providing all of the same major features as the leading competitors. The Enconnex PDU distributes power to devices in the rack and offers real-time phase and circuit breaker metering and network monitoring of power loads for overload avoidance, capacity & load balancing, and energy use optimization. Our competitively priced, high-quality, PDUs are in stock now which means short lead times and you can save more by bundling with other data center and networking hardware solutions. Enconnex makes doing business easy!

Trusted by some of the largest technology companies in the world, Enconnex PDUs offer superb value, great quality, quick delivery, and consistent performance. Enconnex rack PDUs are simply unbeatable.

- Global certifications to meet international needs
- Standardized designs across product lines
- Remote PDU access management, environmental monitoring, IP address managment, and integration with DCIM and BMS.
- Ability to offer customized units
- Reduced lead-times
- Competitive pricing versus global brands

Selecting a Power Distribution Unit

Selecting the Right PDU

Find a PDU that meets your requirements based on your power needs and what power your facility offers to make sure that you are getting the best unit possible.

Power Availibility

Determine facility power availability and matching PDU input plug type.

For example, 415/230VAC, 32A, IEC309 plug

Power Requirement

Determine IT equipment power requirement.

For example, the number and types of outlets required (C13 vs. C19, NEMA5-20, etc.), total power requirement (kW per rack), and if redundant power source/PDU will be required.

Ask Our Power Experts

Our power experts are here to help you determine what PDU features you need and select the right products for each application. Let us show you how our PDUs can help you reduce costs and operational overhead while enabling the remote management of your data center.

Commitment to Compliance

Our PDUs meet the highest standards for regulatory compliance around the world.

Power on. With Enconnex certified PDUs.

Customers choose our high-quality PDUs because they are reliable, cost-effective, and carry the regulatory certifications you look for in a high-quality PDU. Enconnex PDUs are used in the largest hyper-scale, enterprise, data center, and network customer locations worldwide. Because a PDU is an electrical device, it must meet specific standards for safe operation in the data center environment. The specific requirements will depend upon the standards developed by government agencies, labs, and industry associations in the region where the PDU is sold.

UL Listed Mark

UL applies primarily to electrical products sold in the U.S. and Canada. It is not required, but all reputable manufacturers obtain UL certification. Products are tested to ensure that they are reasonably free from the risk of electric shock, fire, and other hazards.

CE Mark

CE Marks are required for electronic devices to be sold in the European Union (EU). Manufacturers generally self-certify products. The EU low-voltage directive (LVD) also covers PDUs.

IEC CB Scheme

A global standard in which national certification bodies recognize the testing used by others in the scheme, allowing manufacturers to achieve certification across multiple countries. The new IEC 62368-1 standard applies to PDUs.

FCC Compliance

FCC compliance is a certification showing that a device's electromagnetic emissions do not create interference or safety hazards. PDUs designed for business or industrial environments are considered Class A digital devices under the rules.

NEMKO Certification

Universal PDUs have an additional certification. Our UPDUs have a seven-pin input connector that supports multiple types of input power cables. This makes it possible to adapt the PDU to the input power of a particular data center. Organizations may utilize the same PDU model across their global IT environment. They can also adapt to changing power requirements within a data center.

In addition to meeting the CE, CB and FCC requirements, the universal PDUs from Enconnex are certified by Norges Elektriske Materiellkontroll (NEMKO). Established in 1933 for the safety testing of electrical equipment used in Norway's public utility network, NEMKO adopted the European Community Directives for product safety. NEMKO became an independent foundation with a council of representatives from industry groups, trade organizations, utility companies, and related entities.

NEMKO provides product development, testing, and certification services and facilitates the international approval of electrical and electronic products. This is ideal for universal PDUs, which by their nature, are sold and used in multiple markets worldwide.

UKCA Mark

UKCA mark is a new certification that went into effect on Jan. 31, 2020, for products marketed in Great Britain. Currently, its requirements are similar to the CE mark. However, the UKCA mark is expected to become mandatory at the end of the Brexit transition period.

SGS NRTL Certification

The PDUs manufactured by Enconnex have also obtained certification from SGS, a Nationally Recognized Test Laboratory (NRTL) officially recognized by the American Occupational Safety and Health Administration (OSHA). Third-party testing in SGS accredited facilities determines whether products meet relevant U.S. and Canadian standards. Testing also ensures that product materials and manufacturing meet safety requirements, and the manufacturer has systems in place to guarantee consistent quality.

Supplier Facility Certifications

Enconnex only works with suppliers that carry the following safety and regulatory certifications:

- **ISO9001 2015 - Quality Management System**
- **ISO14001 2015 - Environmental Management System**
- **ISO45001 2018 - Occupational Health and Safety**

Contact us today to learn more about our variety of compliant PDUs.
Learn more at **enconnex.com**

PDU Features

FEATURES	BASIC	INPUT METERED	SWITCHED	OUTLET METERED	OUTLET METERED, OUTLET SWITCHED
Premium high-temperature branch rated magnetic hydraulic circuit breaker	X	X	X	X	X
Ultra-low profile design	X	X	X	X	X
Alternate-branched outlets	X	X	X	X	X
High-density outlet arrangement	X	X	X	X	X
Real-time phase and circuit breaker metering and monitoring of power loads		X	X	X	X
Remote PDU access management		X	X	X	X
Conforms to the following standards: Redfish API, RESTful API, IPV6 -SSL/ IPsec, SNMP V3	X	X	X		X
Integrates with DCIM and BMS	X	X	X		X
Outlet access control		X			X
Power sequencing		X			X

Compliance and Standards

COMPLIANCE/STANDARDS	SPECS
EMC Compliance	FCC, ICES
Safety Compliance	UL, cUL, IEC/UL 60950-1, UL/IEC 62368-1, CE-LVD
Environmental	RoHS

WARRANTY	SPECS
PDU Warranty	5 Years

PDU Configurations

PDU Type	SKU#	Region	Input Voltage	Input Current	Phase Connection	Input Plug Type	Outlet Count C13+C19
Basic	ECX-BV1236060-P	Int'l	230V	32A	1 Phase	IEC60309 332P6 (IP44)	36 + 6
	ECX-BV1224000-P	Int'l	230V	32A	1 Phase	IEC60309 332P6 (IP44)	24 + 0
	ECX-BV1120020-N	Int'l	230V	16A	1 Phase	IEC60309 316P6 (IP44)	20 + 2
	ECX-BV1636060-R	Int'l	400V 3P Wye	16A	3 Phase	IEC60309 516P6 (IP44)	36 + 6
	ECX-BV1730120-T	Int'l	415/230V 3P Wye	32A	3 Phase	IEC60309 532P6 (IP44)	30 +12
	ECX-BH1724000-T	Int'l	415/230V 3P Wye	32A	3 Phase	IEC60309 532P6 (IP44)	24 + 0
	ECX-WV1624120-R	Int'l	230V	16A	1 Phase	IEC60309 316P6 (IP44)	20 + 2
Input Metered	ECX-MV1232060-E	NA	200-240V	30A	1 phase, L-L	NEMA L6-30P	32 + 6
	ECX-MV1730060-G	NA	208V 3ph Wye	30A	3 phase wye, L-L, L-N	NEMA L21-30P	30 + 6
	ECX-MV1824120-L	NA	208V 3ph Delta	60A	3 phase delta, L-L	IEC 60309 460P9 (IP44)	24 + 12
	ECX-MV1236060-E	NA	200-240V	30A	1 Phase, L-L	NEMA L6-30P	36 + 6
	ECX-MV1736060-G	NA	208V 3ph Wye	30A	3 phase wye, L-L	NEMA L21-30P	36 + 6 + (2) NEMA5/20R
	ECX-MV1224040-A	NA/Int'l	200-240V	NAM: 20A; EMEA: 16A	1-Phase	IEC60320 C20 Inlet	24 + 4
	ECX-MV1224040-E	NA	200-240V	30A	1-Phase	NEMA L6-30P	24 + 4

PDU Configurations

PDU Type	SKU#	Region	Input Voltage	Input Current	Phase Connection	Input Plug Type	Outlet Count C13+C19
Input Metered	ECX-MV1724120-T	Int'l	415/230V 3P Wye	32A	3 Phase	IEC60309 532P6 (IP44)	24 + 12
	ECX-MV1120040-N	Int'l	230V	16A	1 Phase	IEC60309 316P6 (IP44)	20 + 4
	ECX-MV1636060-R	Int'l	400V 3P Wye	16A	3 Phase	IEC60309 516P6 (IP44)	36 + 6
	ECX-MV1236060-P	Int'l	230V	32A	1 Phase	IEC60309 332P6 (IP44)	36 + 6
	ECX-MV1224040-P	Int'l	230V	32A	1 Phase	IEC60309 332P6 (IP44)	24 + 4
	ECX-MV1730121-T	Int'l	400V 3P Wye	16A	3 Phase	IEC60309 516P6 (IP44)	36 + 6
Switched	ECX-SV1812120-K	NA	208V 3ph Delta	50A	3 phase delta, L-L	Hubbell CS8365C	12 + 12
	ECX-SV1712120-T	NA	400V 3ph Wye	32A	3 phase wye, L-N	IEC 60309 532P6 (IP44)	12 + 12
	ECX-SV1212120-E	NA	200-240V	30A	1 phase, L-L	NEMA L6-30P	12 + 12
	ECX-SV1120040-N	Int'l	230V	16A	1 Phase	IEC60309 316P6 (IP44)	20 + 4
	ECX-SV1712120-T	Int'l	415/230V 3P Wye	32A	3 Phase	IEC60309 532P6 (IP44)	12 + 12
	ECX-SV1212121-P	Int'l	230V	32A	1 Phase	IEC60309 332P6 (IP44)	12 + 12
	ECX-SV1220040-P	Int'l	230V	32A	1 Phase	IEC60309 332P6 (IP44)	20 + 4
	ECX-SV1120040-N	Int'l	230V	16A	1 Phase	IEC60309 316P6 (IP44)	20 + 4

PDU Configurations

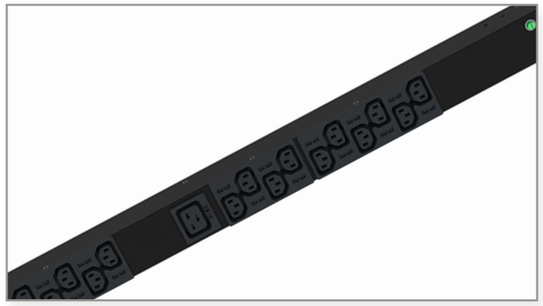
PDU Type	SKU#	Region	Input Voltage	Input Current	Phase Connection	Input Plug Type	Outlet Count C13+C19
Switched	ECX-SV1630060-R	Int'l	400V 3P Wye	16A	3 Phase	IEC60309 516P6 (IP44)	30 + 6
	ECX-SH1108000-A	NA/Int'l	200-240V	NAM: 20A EMEA: 16A	1 Phase	IEC 60320 C20 Inlet	8 C13
Outlet Metered	ECX-PV1812120-L	NA	208V 3ph Delta	60A	3 phase delta, L-L	IEC 60309 460P9 (IP44)	12 + 12
	ECX-PV1724120-T	Int'l	415/230V 3P Wye	32A	3 Phase	IEC60309 532P6 (IP44)	24 + 12
Outlet Metered, Outlet Switched	ECX-WV1224120-E	NA	200-240V	30A	1 phase, L-L	NEMA L6-30P	24 + 12
	ECX-WV1724120-G	NA	208V 3ph Wye	30A	3 phase wye, L-L	NEMA L21-30P	24 + 12
	ECX-WH1208000-E	NA	200-240V	30A	1 phase, L-L	NEMA L6-30P	8 + 0
	ECX-WV1824120-L	NA	208V 3ph Delta	60A	3 phase delta, L-L	IEC 60309 460P9 (IP44)	24 + 12
	ECX-WV1730060-G	NA	208V 3ph Wye	30A	3 phase wye, L-L	NEMA L21-30P	30 + 6
	ECX-WV1730061-G	NA	208V 3ph Wye	30A	3 phase wye, L-L	NEMA L21-30P	30 + 6
	ECX-WV1724121-T	Int'l	415/230V 3P Wye	32A	3 Phase	IEC60309 532P6 (IP44)	24 + 12
	ECX-WV1224080-P	Int'l	230V	32A	1 Phase	IEC60309 332P6 (IP44)	24 + 8
	ECX-WV1220040-P	Int'l	230V	32A	1 Phase	IEC60309 332P6 (IP44)	20 + 4

UPDU Configurations

PDU Type	SKU#	Region	Input Voltage	Input Current	Phase Connection	Input Plug Type	Outlet Count C13+C19
Basic UPDU	ECX-BV1848000-7	Int'l	NAM, EMEA: 200-240/346-415VAC 3PH WYE NAM, JP: 200-240VAC 3PH DELTA, 200-240VAC 1PH	EMEA 3PH: 32A NAM 3PH: 30A (24A derated) 3PH, 50A (40A derated) NAM 1PH: 30A (24A derated) JP 3PH: 30A, 40A JP 1PH: 30A	1 Phase, 3 Phase	Variable	48 C13
	ECX-BH1818000-7	Int'l	NAM, EMEA: 200-240/346-415VAC 3PH WYE NAM, JP: 200-240VAC 3PH DELTA, 200-240VAC 1PH	EMEA 3PH: 32A NAM 3PH: 30A (24A derated) 3PH, 50A (40A derated) NAM 1PH: 30A (24A derated) JP 3PH: 30A, 40A JP 1PH: 30A	1 Phase, 3 Phase	Variable	18 C13
Switched UPDU	ECX-SV1812120-7	Int'l	NAM, EMEA: 200-240/346-415VAC 3PH WYE NAM, JP: 200-240VAC 3PH DELTA, 200-240VAC 1PH	EMEA 3PH: 32A NAM 3PH: 30A (24A derated) 3PH, 50A (40A derated) NAM 1PH: 30A (24A derated) JP 3PH: 30A, 40A JP 1PH: 30A	1 Phase, 3 Phase	Variable	12 + 12

Basic PDUs

The Enconnex Basic PDU distributes power to devices in the rack configured with premium high-temperature, branch-rated hydraulic-magnetic circuit breakers. Labeled outlets and circuit breakers allow easy identification of circuit configuration for reduced connectivity errors. Ultra-low profile design reduces space when installed in the IT cabinet and improves airflow efficiency.



FEATURES

Premium high-temperature branch-rated hydraulic-magnetic circuit breaker

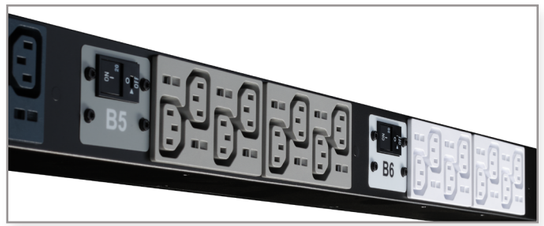
Ultra-low-profile design

Alternate-branched outlets

High-density outlet arrangement

Universal PDUs

The UPDU offers a cost-effective option to users who do not require intelligence. For greater flexibility the UPDU features a universal 7-pin input connector allowing for interchangeable input power cables that can adapt to varying power sources depending on the available facility power. Premium hydraulic-magnetic circuit breakers operate reliably in high temperature environments. The Basic UPDU offers advanced features, such as color-coded IEC outlets with support for W-lock cords.



FEATURES

Premium high-temperature branch-rated hydraulic-magnetic circuit breaker

Ultra-low-profile design

High-density outlet arrangement

7-PIN CONNECTION

Visual Overview

Input Metered PDUs

A hot-swappable network management control allows for future upgrades and enhanced MTTR. Up to 8 optional environmental sensors and security access handles can be connected and managed through each PDU.

FEATURES

Real-time phase and circuit breaker metering and monitoring of power loads

Remote PDU access management

Environmental monitoring to detect temperature, humidity, and water leaks (up-to eight sensors)

Consolidation of IP address management by daisy-chain of up to four PDU's

Conforms to the following standards: Redfish API, RESTful API, IPV6 -SSL/IPsec, SNMP V3

Integrates with DCIM and BMS

Switched PDUs

A hot-swappable network management control allows for future upgrades and enhanced MTTR. Up to 8 optional environmental sensors and security access handles can be connected and managed through the PDU.

FEATURES

Includes all of the features of the Inlet Metered PDU

Outlet access control

Power sequencing

Premium high-temperature branch-rated hydraulic-magnetic circuit breaker

Ultra-low-profile design

Alternate-branched outlets

High-density outlet arrangement

Real-time phase and circuit breaker metering and monitoring of power loads

Remote PDU access management

Environmental monitoring to detect temperature, humidity, and water leaks (up-to eight sensors)

Consolidation of IP address management by daisy-chain of up to four PDU's

Conforms to the following standards: Redfish API, RESTful API, IPV6 -SSL/IPsec, SNMP V3

Integrates with DCIM and BMS

Outlet Metered PDUs

A hot-swappable network management control allows for future upgrades and enhanced MTTR. Up to 8 optional environmental sensors and security access handles can be connected and managed through the PDU.

FEATURES

Includes all of the features of the Inlet Metered PDU

Real-time phase, circuit load, circuit breaker, and outlet level metering

Premium high-temperature branch-rated hydraulic-magnetic circuit breaker

Ultra-low-profile design

High-density outlet arrangement

Remote PDU access management

Environmental monitoring to detect temperature, humidity, and water leaks (up-to eight sensors)

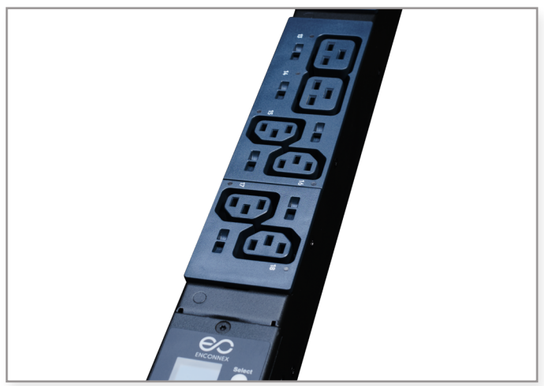
Consolidation of IP address management by daisy-chain of up to four PDU's

Conforms to the following standards: Redfish API, RESTful API, IPV6 -SSL/IPsec, SNMP V3

Integrates with DCIM and BMS

Outlet Metered, Outlet Switched PDUs

Switched outlets allow power-up equipment sequencing, remote reboot, and outlet access control.



FEATURES

Includes all of the intelligent features of our PDUs

Real-time phase, circuit load, circuit breaker, and outlet level metering

Premium high-temperature branch-rated hydraulic-magnetic circuit breaker

Ultra-low-profile design

High-density outlet arrangement

Remote PDU access management

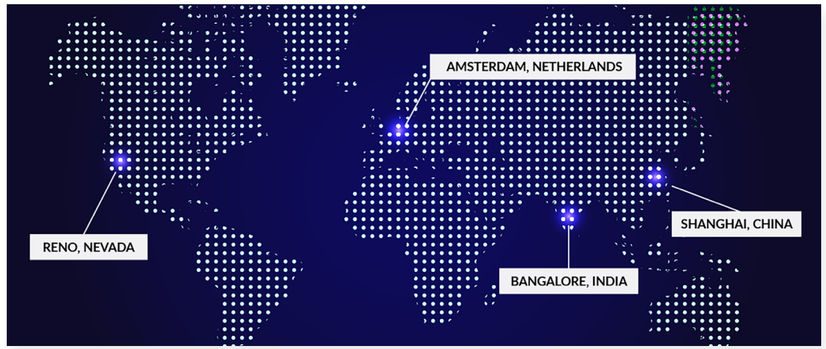
Environmental monitoring to detect temperature, humidity, and water leaks (up-to eight sensors)

Consolidation of IP address management by daisy-chain of up to four PDU's

Conforms to the following standards: Redfish API, RESTful API, IPV6 -SSL/IPsec, SNMP V3

Integrates with DCIM and BMS

High-quality solutions at the right price.



The best choice for your next project, build-out, order, or custom product.

Enconnex designs, manufactures, and supplies high-quality IT infrastructure products sold at a reasonable price. Our product lines cover the core components of data center infrastructure, including server racks and cabinets, network cabling, containment, PDUs, UPSs, power cords, and edge computing solutions. Our volume buying for global companies allows us to pass savings along to you.

Contact us today. We think you'll be pleasantly surprised.

ENCONNEX®
Born to Innovate™

+1 (775) 562-2138
sales@enconnex.com
+1 (833) 825-5329
www.enconnex.com