DATA SHEET

Metered eConnect® PDUs

Metered eConnect® PDUs feature a local display for easy reading of input current to help with initial installation and properly balanced operations.

KEY FEATURES

Resistance to High Temperature – Market-leading temperature ratings of up to 149°F (65°C) ensures reliability when mounted toward hot aisles.

Simplified Load Balancing – Phase-balance outlets on three-phase models ensure equal loading across all phases; allows use of shorter equipment power cords for better cable and airflow management.

No Accidental Disconnections – Patented, low-profile locking outlets prevent accidental disconnections without requiring special cords.

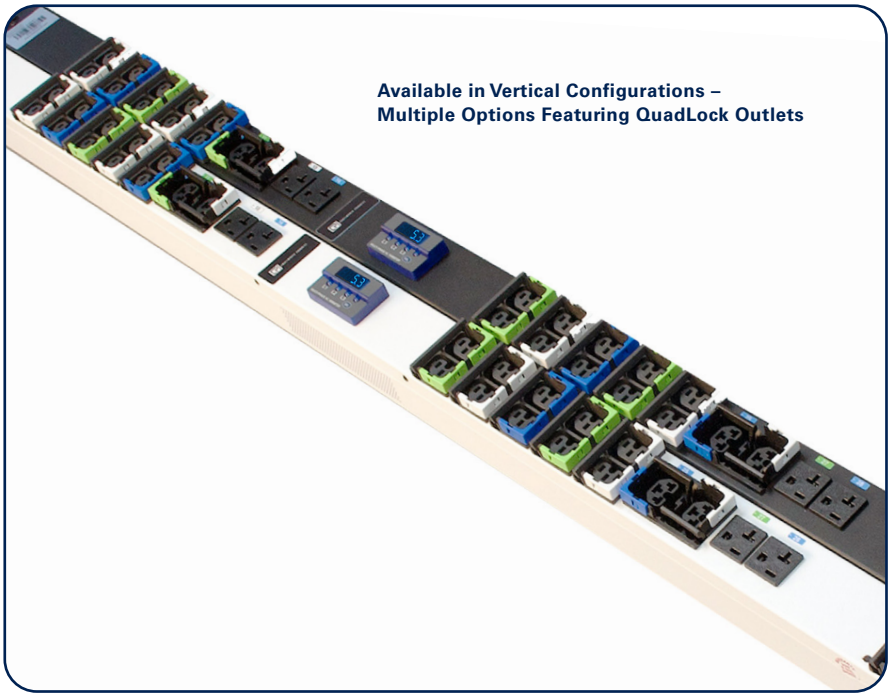
QuadLock Outlets – Select configurations with outlets that function as C13/C19 or their high-temperature C15/C21 variants simplify PDU selection, enhance deployment flexibility, and ensure future-proofing.

Easy Identification of Failover Unit – Redundancy Pack includes 2 PDUs (one in Black and one in Glacier White) for easy identification of the primary and secondary unit.

Latest UL Compliance – Meets UL and IEC 62368 for compliance with new listing requirements for North America and the European Union.

Cabinet Preinstallation – Complete ecosystem ships ready for IT equipment integration, and saves deployment time and reduces packaging waste.

High Power Configurations – Configurations supporting up to 100A Input provide an optimized solution for GPU & AI based applications. 30A branch circuit breakers provide flexibility when plugging high power IT equipment.



Available in Vertical Configurations – Multiple Options Featuring QuadLock Outlets

Additional Features:

- Input current metering across phases through local LED display
- Breaker and outlet groups are color-coded in multi-breaker units for easy identification
- Universal tool-less mounting features
- Customization capabilities: outlet configurations, color options, power cord length, input connection types and more
- Patent: chatsworth.com/patents
- Made in the United States; TAA compliant; BAA COTS compliant *(applies only to standard configurations with E1-2xxx-x SKUs)*

Availability: Global

United States & Canada
Simi Valley, CA
800-834-4969
Toronto, Ontario, Canada
+905-850-7770
chatsworth.com
techsupport@chatsworth.com

Latin America
Mexico City, Mexico
+52-55-5203-7525
Toll Free within Mexico
800-201-7592
chatsworth.com.co

Europe
Buckinghamshire
England, UK
+44-1628-524-834

Middle East & Africa
Dubai, UAE
+971-4-2602125

Asia Pacific
Jing'an District,
Shanghai, China
+86 21 6880-0266
chatsworth.com.cn

SPECIFICATIONS

Description:	Single-input, vertical rack-mount PDUs
Use:	For indoors or within enclosures, in environmentally controlled areas, may not be used outdoors or in harsh environments Refer to Operating Conditions listed below
Power Input:	• Alternating current, 50/60 Hz, 10 ft (3 m) input cord or Terminal Block available as standard; custom lengths between 3 - 15 ft. available • Voltage, maximum current, and inlet/plug type varies per model (see ordering table)
Power Capacity:	Specific to PDU, limited by circuit breakers or power input (see ordering table)
Power Output:	NEMA 5-20R, Locking IEC C13/C15, Locking C19, Locking QuadLock (C13/C15/C19/C21), specific to PDU with up to 54 outlets (see order table)
Circuit Protection:	• UL 489 listed, single- or two-pole, hydraulic-magnetic breakers available on single- and three-phase models with 30A and above input • Low-profile design prevents accidental disconnection • 30A breakers for 208V, 100A; 415V, 60A and 415V, 100A configurations
Metering:	• Input line currents • Display: 4-digit LED, displays input current for all phases; typical accuracy of +/-2%
Local Display:	• LED Screen
Mounting:	• 2 preinstalled tool-less mounting buttons; adjustable positions • Top or bottom power cord entry orientation
Grounding/Bonding:	• Bonded power inlet/plug and external bond connection with a threaded M5 attachment point • Includes a bonding kit for CPI cabinets
Color Options:	• Black or Glacier White available as standard options; other colors available as custom solutions • Redundancy Pack includes (1) Black PDU and (1) Glacier White PDU
Operating Conditions:	• Temperature: 32°F – 149°F (0°C – 65°C) at Input Power Rating (kW) • Relative Humidity: 5% – 95%, noncondensing • Elevation: 0 – 10,000 ft (0 – 3,000 m)
Storage/ Non-operating Conditions:	• Temperature: -13°F – 149°F (-25°C – 65°C) • Relative Humidity: 5% – 95%, noncondensing • Elevation: 0 – 50,000 ft (0 – 15,000 m)
Shipping Weight:	Vertical Only: 27 lb (12 kg) single unit; 54 lb (24 kg) Redundancy Pack
Certifications:	NEMKO certified to UL/IEC62368, CE (EU), FCC Part 15, Class A, EN 55022, RoHS Compliant • Patent: chatsworth.com/patents
Warranty:	3 years standard with advanced replacement; 2 additional years optional

VERTICAL CONFIGURATION

Use Vertical eConnect PDUs in data centers and equipment rooms with 42U or higher racks, cabinets and enclosures to provide power connections alongside equipment for higher-density applications. Use Redundancy Pack to support redundant power circuits.

Hydraulic-Magnetic Breakers

LED Display

Color-Coded Tabs on Outlets

New! QuadLock Outlet Configurations

Locking Outlets

ORDERING INFORMATION

Metered eConnect PDU, Vertical - North America*							
Part Number			Input Amperage	Input Plug	Outlets	kW Capacity (UL)	Cabinet Compatibility
Black	Glacier White	Redundancy Pack**					
120 Volt, Single-Phase Input							
E1-2001-C	E1-2001-E	E1-2001-CE	20A	C20 Inlet to NEMA L5-20P	(24) 5-20	1.9 kW	42U & higher
E1-2002-C	E1-2002-E	E1-2002-CE	30A	NEMA L5-30P	(24) 5-20	2.9 kW	42U & higher
208 Volt, Single-Phase Input							
E1-2003-C	E1-2003-E	E1-2003-CE	20A	C20 Inlet to NEMA L6-20P	(24) C13/C15	3.3 kW	42U & higher
E1-2094W-C	E1-2094W-E	E1-2094W-CE	20A	C20 Inlet to NEMA L6-20P	(12) C13/C15 + (12) QuadLock	3.3 kW	42U & higher
E1-2004-C	E1-2004-E	E1-2004-CE	30A	NEMA L6-30P	(24) C13/C15	5 kW	42U & higher
E1-2015-C	E1-2015-E	E1-2015-CE	30A	NEMA L6-30P	(36) C13/C15 + (6) C19	5 kW	42U & higher
E1-2095W-C	E1-2095W-E	E1-2095W-CE	30A	NEMA L6-30P	(12) C13/C15 + (12) QuadLock	5 kW	42U & higher
120/208V, Single Phase Input							
E1-2098W-C	E1-2098W-E	E1-2098W-CE	30A	NEMA L14-30P	(24) C13/C15 + (12) QuadLock + (6) 5-20	5 kW	42U & higher
208 Volt, Three-Phase Input							
E1-2016-C	E1-2016-E	E1-2016-CE	30A	NEMA L15-30P	(36) C13/C15 + (6) C19	8.6 kW	42U & higher
E1-20A1W-C	E1-20A1W-E	E1-20A1W-CE	30A	NEMA L15-30P	(30) C13/C15 +(12) QuadLock	8.6 kW	42U & higher
E1-2007-C	E1-2007-E	E1-2007-CE	50A	CS8365C	(30) C13/C15 + (12) C19	14.4 kW	42U & higher
E1-2019-C	E1-2019-E	E1-2019-CE	50A	CS8365C	(36) C13/C15 + (6) C19	14.4 kW	42U & higher
E1-2125-C	E1-2125-E	E1-2125-CE	50A	CS8365C	(54) C13/C15	14.4 kW	45U & higher
E1-2007W-C	E1-2007W-E	E1-2007W-CE	50A	CS8365C	(30) C13/C15 +(12) QuadLock	14.4 kW	42U & higher
E1-2008-C	E1-2008-E	E1-2008-CE	60A	IEC 60309 60A 3P+E	(30) C13/C15 + (12) C19	17.2 kW	42U & higher
E1-2020-C	E1-2020-E	E1-2020-CE	60A	IEC 60309 60A 3P+E	(36) C13/C15 + (6) C19	17.2 kW	42U & higher
E1-2126-C	E1-2126-E	E1-2026-CE	60A	IEC 60309 60A 3P+E	(54) C13/C15	17.2 kW	45U & higher
E1-2033-C	E1-2033-E	E1-2033-CE	60A	IEC 60309 60A 3P+E	(12) C13/C15 + (18) C19	17.2 kW	42U & higher
E1-2008W-C	E1-2008W-E	E1-2008W-CE	60A	IEC 60309 60A 3P+E	(30) C13/C15 +(12) QuadLock	17.2 kW	42U & higher
E1-2089-C	E1-2089-E	E1-2089-CE	100A	IEC60309 100A 3P+E	(30) C13/C15 + (12) C19	28.8 kW	42U & higher
E1-2089W-C	E1-2089W-E	E1-2089W-CE	100A	IEC 60309 100A 3P+E	(30) C13/C15 +(12) QuadLock	28.8 kW	42U & higher
E1-2011-C	E1-2011-E	E1-2011-CE	100A	Terminal Block 3P+E	(30) C13/C15 + (12) C19	28.8 kW	42U & higher
E1-2011W-C	E1-2011W-E	E1-2011W-CE	100A	Terminal Block 3P+E	(30) C13/C15 +(12) QuadLock	28.8 kW	42U & higher
120/208 Volt, Three-Phase Input							
E1-2013-C	E1-2013-E	E1-2013-CE	20A	NEMA L21-20P	(30) C13/C15 + (6) C19 + (6) 5-20	5.7 kW	42U & higher
E1-2017-C	E1-2017-E	E1-2017-CE	20A	NEMA L21-20P	(36) C13/C15 + (6) C19	5.7 kW	42U & higher
E1-2099W-C	E1-2099W-E	E1-2099W-CE	20A	NEMA L21-20P	(24) C13/C15 + (12) QuadLock + (6) 5-20	5.7 kW	42U & higher
E1-20B3W-C	E1-20B3W-E	E1-20B3W-CE	20A	NEMA L21-20P	(30) C13/C15 +(12) QuadLock	5.7 kW	42U & higher
E1-2014-C	E1-2014-E	E1-2014-CE	30A	NEMA L21-30P	(30) C13/C15 + (6) C19 + (6) 5-20	8.6 kW	42U & higher
E1-2018-C	E1-2018-E	E1-2018-CE	30A	NEMA L21-30P	(36) C13/C15 + (6) C19	8.6 kW	42U & higher
E1-20A0W-C	E1-20A0W-E	E1-20A0W-CE	30A	NEMA L21-30P	(24) C13/C15 + (12) QuadLock + (6) 5-20	8.6 kW	42U & higher
E1-20B4W-C	E1-20B4W-E	E1-20B4W-CE	30A	NEMA L21-30P	(30) C13/C15 +(12) QuadLock	8.6 kW	42U & higher
240/415 Volt, Three-Phase Input							
E1-2021-C	E1-2021-E	E1-2021-CE	30A	NEMA L22-30P	(36) C13/C15 + (6) C19	17.2 kW	42U & higher
E1-2127-C	E1-2127-E	E1-2127-CE	30A	NEMA L22-30P	(54) C13/C15	17.2 kW	45U & higher
E1-20A2W-C	E1-20A2W-E	E1-20A2W-CE	30A	NEMA L22-30P	(30) C13/C15 +(12) QuadLock	17.2 kW	42U & higher

*Notes: *All Vertical configurations are 2.2" wide. **Redundancy Pack includes 2 PDUs in Black and Glacier White for easy identification of the primary and secondary unit.*

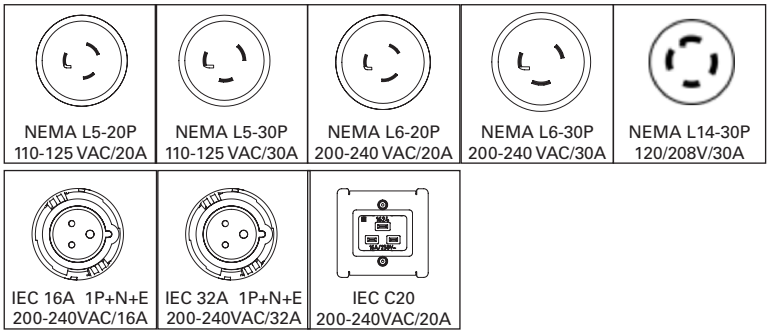
ORDERING INFORMATION

Metered eConnect PDU, Vertical - Worldwide*								
Part Number			Input Amperage	Input Plug	Outlets	kW Capacity Worldwide (CE)	kW Capacity North America (UL)	Cabinet Compatibility
Black	Glacier White	Redundancy Pack**						
220/240 Volt, Single-Phase Input								
E1-2005-C	E1-2005-E	E1-2005-CE	16A	C20 Inlet to IEC 60309 16A 1P+N+E	(24) C13/C15	3.8 kW	3.8 kW	42U & higher
E1-2096W-C	E1-2096W-E	E1-2096W-CE	16A	C20 Inlet to IEC 60309 16A 1P+N+E	(12) C13/C15+(12) QuadLock	3.8 kW	3.8 kW	42U or higher
E1-2006-C	E1-2006-E	E1-2006-CE	32A	IEC 60309 32A 1P+N+E	(24) C13/C15	7.7 kW	6.1 kW	42U & higher
E1-2022-C	E1-2022-E	E1-2022-CE	32A	IEC 60309 32A 1P+N+E	(36) C13/C15 + (6) C19	7.7 kW	6.1 kW	42U & higher
E1-2097W-C	E1-2097W-E	E1-2097W-CE	32A	IEC 60309 32A 1P+N+E	(12) C13/C15 + (12) QuadLock	7.7 kW	6.1 kW	42U & higher
220 - 240/380-415 Volt, Three-Phase Input								
E1-2023-C	E1-2023-E	E1-2023-CE	16A	IEC 60309 16A 3P+N+E	(36) C13/C15 + (6) C19	11.5 kW	11.5 kW	42U & higher
E1-20A3W-C	E1-20A3W-E	E1-20A3W-CE	16A	IEC 60309 16A 3P+N+E	(30) C13/C15 + (12) QuadLock	11.5 kW	11.5 kW	42U & higher
E1-2009-C	E1-2009-E	E1-2009-CE	32A	IEC 60309 32A 3P+N+E	(30) C13/C15 + (12) C19	23 kW	18.4 kW	42U & higher
E1-2024-C	E1-2024-E	E1-2024-CE	32A	IEC 60309 32A 3P+N+E	(36) C13/C15 + (6) C19	23 kW	18.4 kW	42U & higher
E1-2128-C	E1-2128-E	E1-2128-CE	32A	IEC 60309 32A 3P+N+E	(54) C13/C15	23 kW	18.4 kW	45U & higher
E1-2009W-C	E1-2009W-E	E1-2009W-CE	32A	IEC 60309 32A 3P+N+E	(30) C13/C15 + (12) QuadLock	23 kW	18.4 kW	42U & higher
E1-2010W-C	E1-2010W-E	E1-2010W-CE	60A	IEC 60309 60A 3P+N+E	(30) C13/C15 + (12) QuadLock	34.5 kW	34.5 kW	42U & higher
E1-2010-C	E1-2010-E	E1-2010-CE	60A	IEC60309 60A 3P+N+E	(30) C13/C15 (12) C19	34.5 kW	34.5 kW	42U & higher
E1-2192-C	E1-2192-E	E1-2192-CE	100A	IEC 60309 100A 3P+N+E	(12) C13/C15 + (24) C19	57.5 kW	57.5 kW	45U & higher
E1-2193W-C	E1-2193W-E	E1-2193W-CE	100A	IEC 60309 100A 3P+N+E	(8) C13/C15 + (24) QuadLock	57.5 kW	57.5 kW	45U & higher

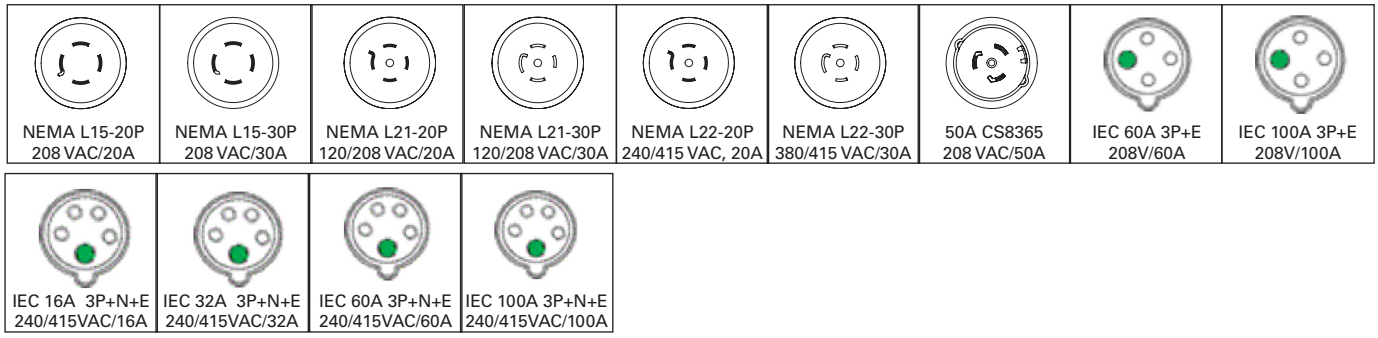
*Notes: *All Vertical configurations are 2.2" wide. **Redundancy Pack includes 2 PDUs in Black and Glacier White for easy identification of the primary and secondary unit.*

PLUG/INLET TABLE

Single-Phase

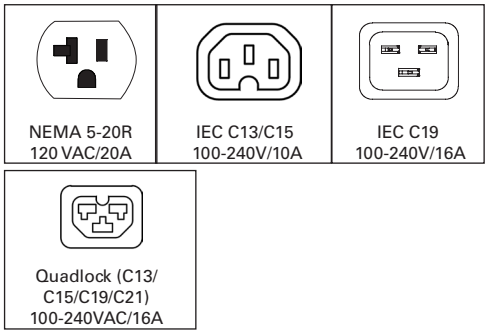


Three-Phase



POWER RECEPTACLE/OUTLET TABLE

Receptacles/ Outlets



ACCESSORIES

Extended Limited Warranties
Extended Limited Warranties on CPI-Branded Electronic products, available for two additional years beyond the expiration of the Original Warranty Period (3 years).

Contact CPI Customer Service, or visit chatsworth.com/warranty for more information.

Part Number	Description
L1-2YEXTWAR-ELECTRONICS-C	2-Year Warranty Extension for PDUs with MSRP up to $1700
L2-2YEXTWAR-ELECTRONICS-C	2-Year Warranty Extension for PDUs with MSRP $1701 - $3400
L3-2YEXTWAR-ELECTRONICS-C	2-Year Warranty Extension for PDUs with MSRP > $3400

+ power

Order locks and PDUs preinstalled into your cabinet. Add power. Make it easy.

+ power

Simplify ordering, shipping and installation by requesting eConnect PDUs to be installed in CPI's ZetaFrame® Cabinets before they leave the factory. Request Redundancy Pack for easy identification of primary and secondary units.

chatsworth.com
techsupport@chatsworth.com
800-834-4969

CHATSWORTH PRODUCTS

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