



CHATSWORTH  
PRODUCTS

## 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.

**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.



### 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](https://chatsworth.com/patents)
- Made in the United States, TAA-compliant

Availability: US, Canada, Latin America, Europe, Middle East & Africa



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## 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:	<ul style="list-style-type: none"> <li>• Alternating current, 50/60 Hz, 10 ft (3 m) input cord or Terminal Block available as standard; custom lengths between 3 - 15 ft. available</li> <li>• Voltage, maximum current, and inlet/plug type varies per model (see ordering table)</li> </ul>
Power Capacity:	Specific to PDU, limited by circuit breakers or power input (see ordering table)
Power Output:	NEMA 5-20R, Locking IEC C13 and/or IEC C19 Outlets, specific to PDU with up to 54 outlets (see order table)
Circuit Protection:	<ul style="list-style-type: none"> <li>• UL 489 listed, single- or two-pole, hydraulic-magnetic breakers available on single- and three-phase models with 30A and above input</li> <li>• Low-profile design prevents accidental disconnections</li> <li>• 30A breakers for 208V, 100A; 415V, 60A and 415V, 100A configurations</li> </ul>
Metering:	<ul style="list-style-type: none"> <li>• Input line currents</li> <li>• Display: 4-digit LED, displays input current for all phases; typical accuracy of +/-2%</li> </ul>
Local Display:	<ul style="list-style-type: none"> <li>• LED Screen</li> </ul>
Mounting:	<ul style="list-style-type: none"> <li>• 2 preinstalled tool-less mounting buttons; adjustable positions</li> <li>• Top or bottom power cord entry orientation</li> </ul>
Grounding/Bonding:	<ul style="list-style-type: none"> <li>• Bonded power inlet/plug and external bond connection with a threaded M5 attachment point</li> <li>• Includes a bonding kit for CPI cabinets</li> </ul>
Color Options:	<ul style="list-style-type: none"> <li>• Black or Glacier White available as standard options; other colors available as custom solutions</li> <li>• Redundancy Pack includes (1) Black PDU and (1) Glacier White PDU</li> </ul>
Operating Conditions:	<ul style="list-style-type: none"> <li>• Temperature: 32°F – 149°F (0°C – 65°C) at Input Power Rating (kW)</li> <li>• Relative Humidity: 5% – 95%, noncondensing</li> <li>• Elevation: 0 – 10,000 ft (0 – 3,000 m)</li> </ul>
Storage/ Non-operating Conditions:	<ul style="list-style-type: none"> <li>• Temperature: -13°F – 149°F (-25°C – 65°C)</li> <li>• Relative Humidity: 5% – 95%, noncondensing</li> <li>• Elevation: 0 – 50,000 ft (0 – 15,000 m)</li> </ul>
Shipping Weight:	Vertical Only: 27 lb (12 kg) single unit; 54 lb (24 kg) Redundancy Pack
Certifications:	<p>NEMKO certified to UL/IEC62368, CE (EU), FCC Part 15, Class A, EN 55022, RoHS Compliant</p> <ul style="list-style-type: none"> <li>• Patent: <a href="http://chatsworth.com/patents">chatsworth.com/patents</a></li> </ul>
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.



## 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**					
<b>120 Volt, Single-Phase Input</b>							
E1-2001-C	E1-2001-E	E1-2001-CE	20A	C20 Inlet to L5-20	(24) 5-20	1.9 kW	42U & higher
E1-2002-C	E1-2002-E	E1-2002-CE	30A	L5-30	(24) 5-20	2.9 kW	42U & higher
<b>208 Volt, Single-Phase Input</b>							
E1-2003-C	E1-2003-E	E1-2003-CE	20A	C20 Inlet to L6-20	(24) C13	3.3 kW	42U & higher
E1-2004-C	E1-2004-E	E1-2004-CE	30A	L6-30	(24) C13	5 kW	42U & higher
E1-2015-C	E1-2015-E	E1-2015-CE	30A	L6-30	(36) C13 + (6) C19	5 kW	42U & higher
<b>208 Volt, Three-Phase Input</b>							
E1-2016-C	E1-2016-E	E1-2016-CE	30A	L15-30	(36) C13 + (6) C19	8.6 kW	42U & higher
E1-2007-C	E1-2007-E	E1-2007-CE	50A	CS8365	(30) C13 + (12) C19	14.4 kW	42U & higher
E1-2019-C	E1-2019-E	E1-2019-CE	50A	CS8365	(36) C13 + (6) C19	14.4 kW	42U & higher
E1-2125-C	E1-2125-E	E1-2125-CE	50A	CS8365	(54) C13	14.4 kW	45U & higher
E1-2008-C	E1-2008-E	E1-2008-CE	60A	IEC 60309 60A 3P+E	(30) C13 + (12) C19	17.2 kW	42U & higher
E1-2020-C	E1-2020-E	E1-2020-CE	60A	IEC 60309 60A 3P+E	(36) C13 + (6) C19	17.2 kW	42U & higher
E1-2126-C	E1-2126-E	E1-2026-CE	60A	IEC 60309 60A 3P+E	(54) C13	17.2 kW	45U & higher
E1-2033-C	E1-2033-E	E1-2033-CE	60A	IEC 60309 60A 3P+E	(12) C13 + (18) C19	17.2 kW	42U & higher
E1-2089-C	E1-2089-E	E1-2089-CE	100A	IEC60309 100A 3P+E	(30) C13 + (12) C19	28.8kW	42U & higher
E1-2011-C	E1-2011-E	E1-2011-CE	100A	AC Terminal Block 3P4W	(30) C13 + (12) C19	28.8kW	42U & higher
<b>120/208 Volt, Three-Phase Input</b>							
E1-2013-C	E1-2013-E	E1-2013-CE	20A	L21-20	(30) C13 + (6) C19 + (6) 5-20	5.7 kW	42U & higher
E1-2017-C	E1-2017-E	E1-2017-CE	20A	L21-20	(36) C13 + (6) C19	5.7 kW	42U & higher
E1-2014-C	E1-2014-E	E1-2014-CE	30A	L21-30	(30) C13 + (6) C19 + (6) 5-20	8.6 kW	42U & higher
E1-2018-C	E1-2018-E	E1-2018-CE	30A	L21-30	(36) C13 + (6) C19	8.6 kW	42U & higher
<b>240/415 Volt, Three-Phase Input</b>							
E1-2021-C	E1-2021-E	E1-2021-CE	30A	L22-30	(36) C13 + (6) C19	17.2 kW	42U & higher
E1-2127-C	E1-2127-E	E1-2127-CE	30A	L22-30	(54) C13	17.2 kW	45U & higher


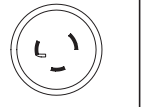


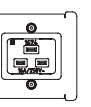
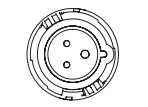
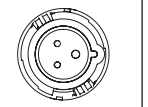



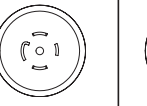

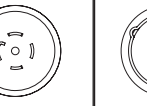
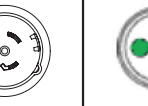






Notes: \*\*Redundancy Pack includes 2 PDUs in Black and Glacier White for easy identification of the primary and secondary unit.

ORDERING INFORMATION

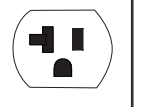
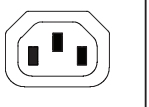
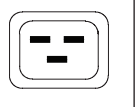
Metered eConnect PDU, Vertical - Worldwide								
Part Number			Input Amperage	Input Plug	Outlets	kW Capacity Worldwide (CE)	kW Capacity North America (UL)	Cabinet Compatibility
Black	Glacier White	Redundancy Pack**						
<b>220/240 Volt, Single-Phase Input</b>								
E1-2005-C	E1-2005-E	E1-2005-CE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

Notes: \*\*Redundancy Pack includes 2 PDUs (one in Black and one in Glacier White) for easy identification of the primary and secondary unit.

**PLUG/INLET TABLE**

Single-Phase									
	NEMA L5-20P 110-125 VAC/20A	NEMA L5-30P 110-125 VAC/30A	NEMA L6-20P 200-240 VAC/20A	NEMA L6-30P 200-240 VAC/30A	IEC C20 200-240VAC/20A				
									
	IEC 16A 1P+N+E 200-240VAC/16A	IEC 32A 1P+N+E 200-240VAC/32A							
Three-Phase									
	NEMA L15-20P 208 VAC/20A	NEMA L15-30P 208 VAC/30A	NEMA L21-20P 120/208 VAC/20A	NEMA L21-30P 120/208 VAC/30A	NEMA L22-20P 240/415 VAC, 20A	NEMA L22-30P 380/415 VAC/30A	50A CS8365 208 VAC/50A	IEC 60A 3P+E 208V/60A	IEC 100A 3P+E 208V/100A
									
	IEC 16A 3P+N+E 240/415VAC/16A	IEC 32A 3P+N+E 240/415VAC/32A	IEC 60A 3P+N+E 240/415VAC/60A	IEC 100A 3P+N+E 240/415VAC/100A					

**POWER RECEPTACLE/OUTLET TABLE**

Receptacles/ Outlets			
	NEMA 5-20R 120 VAC/20A	IEC C13 100-240V/10A	IEC C19 200-240 VAC/16A

**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 [www.chatsworth.com/warranty](http://www.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



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



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

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