

# VERTICAL POWER STRIPS

## for CPI Rack Systems

### KEY FEATURES

- Distribute power to multiple devices from a single power connection.
- NEMA or IEC style connectors.
- Rack-mount brackets included. Uses no rack-mount spaces (RMU).
- Optional circuit breaker protects circuit from overload.
- Optional surge-protection protects equipment from power spikes.
- Optional current meter measures current load on power strip.

### APPLICATIONS

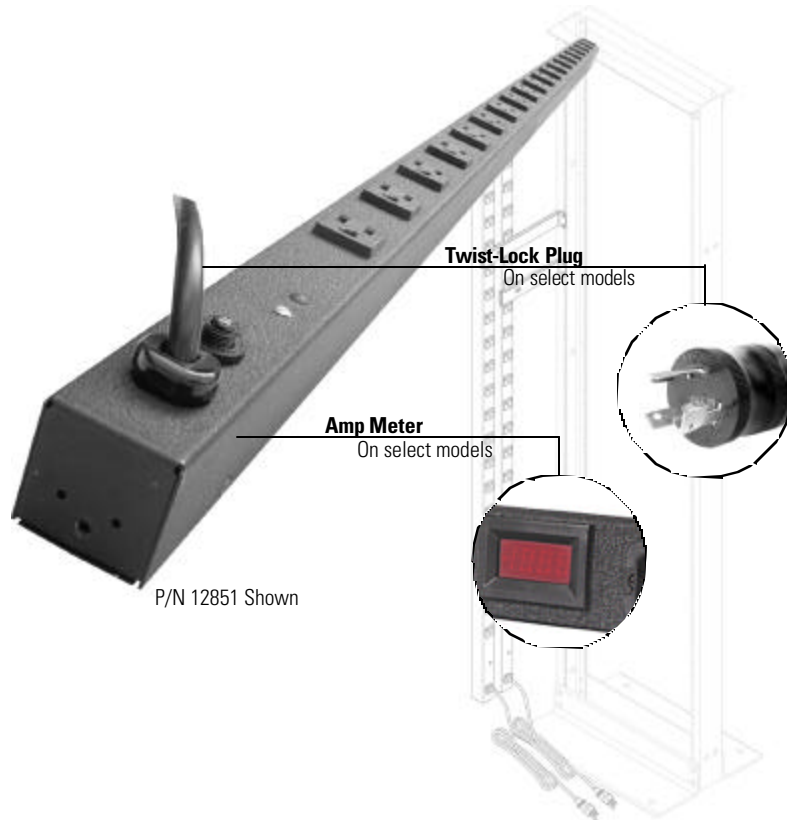
- Use Vertical Power Strips on CPI Racks that support network and telecommunications equipment.
- Vertical Power Strips distribute single-phase power to multiple pieces of equipment from a single power connection.

### USE WITH

- Universal Rack
- Standard Rack
- 6" Deep Standard Rack
- QuadraRack™ 4-Post Frame
- QuadraRack™ Server Frame

### RELATED ACCESSORIES

- 19" Rack-Mount Power Strips
- Vertical Power Strips for CPI Cabinets
- Multi-Input Power Strips
- Three-phase Power Strips
- High-Voltage PDUs
- MINUTEMEN® UPS



CPI Rack Systems support network and telecommunications equipment. Vertical Power Strips allow multiple pieces of equipment to share a single power connection.

Vertical Power Strips attach to the rear of the rack to save rack-mount spaces for equipment. Several power strips can be attached to a rack by using optional Offset Mounting Brackets to supply multiple circuits in support of redundant power.

Power strips equipped with circuit breakers and surge-protection provide power protection. Circuit breakers limit the amount of current available to the equipment. Surge protection blocks excessive voltage from equipment. Both features are critical with unconditioned line power.

Select models also have a built in current meter with a digital display that shows the amount of current on the power strip. This feature assists with power management by allowing the user to judge the remaining capacity on the power strip before adding a new device to the circuit.

Choose power strips to match the voltage and current rating of the power connection. NEMA-NEMA, NEMA-IEC or IEC-IEC style plug and outlet combinations are available. IEC style connectors allow power cords to be custom matched to the power connection. Vertical for cabinet, 19" rack-mount, multi-input and three-phase power strips are also available.

See inside for product selection. Contact CPI Technical Support (800-834-4969) for configuration assistance.



CHATSWORTH PRODUCTS, INC.

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## SPECIFICATIONS

- Single-phase, single input power strips
- Use on CPI Rack Systems that are 6' high or taller:
  - Universal Rack
  - Standard Rack
  - 6" Deep Standard Rack
  - QuadraRack™ 4-Post Frame
  - QuadraRack™ Server Frame
- Power Ratings:
  - 125 Volt ~ 15 Amp
  - 125 Volt ~ 20 Amp
  - 125 Volt ~ 30 Amp
  - 250 Volt ~ 20 Amp
  - 250 Volt ~ 30 Amp
- UL Certifications:
  - 15 Amp - UL and c-UL Listed Accessory 60950
  - 20 Amp - UL and c-UL Listed Accessory 60950
  - 30 Amp - UL and c-UL Recognized 1950
- NEMA-NEMA, NEMA-IEC, or IEC-IEC connectors:
  - 10' attached cord with plug on NEMA-models
  - IEC-IEC models can be used with 125 Volt or 250 Volt circuits
  - Power cord/equipment cords must be purchased separately with IEC models ([www.quail.com](http://www.quail.com))
- No on/off switch
- Power on indicator - green LED
- Optional circuit breaker
- Optional surge suppression
  - 330V, 720 Joules
  - UL & c-UL 1449 Rating
  - Surge Suppression active indicator - red LED
- Optional current monitoring
  - Digital current meter
  - Accuracy +/- .1 Amps
  - Sampling rate: 2.5 per second
- Includes CPI rack attachment brackets, 6" long (9" and 11" brackets available as accessories, see page 3)
- Finish: Black only
- See notes under order tables for connector types, UL Listing and size.

## ORDERING INFORMATION

## NEMA Receptacle - NEMA Plug

125 Volt ~ 15 Amp Vertical Power Strips for Rack Systems						
Part Number	# of Outlets	Plug Type	Amp Meter	Circuit Breaker	Surge Protected	Shipping Weight
12851-701	20	Straight	No	Yes	No	12 lb
12851-702	20	Straight	No	Yes	Yes	12 lb
12851-751	20	Straight	Yes	Yes	No	12 lb
12851-752	20	Straight	Yes	Yes	Yes	12 lb
12851-771	20	Straight	Yes	No	No	12 lb
12851-703	20	Twist-Lock	No	Yes	No	12 lb
12851-704	20	Twist-Lock	No	Yes	Yes	12 lb
12851-753	20	Twist-Lock	Yes	Yes	No	12 lb
12851-754	20	Twist-Lock	Yes	Yes	Yes	12 lb
12851-772	20	Twist-Lock	Yes	No	No	12 lb

Outlets are NEMA 5-15R. Straight blade plugs are NEMA 5-15P. Twist lock plugs are NEMA L5-15P. UL and c-UL Listed Accessory 60950. Power Strip is 66.25" long by 1.61" wide by 1.61" deep.

125 Volt ~ 20 Amp Vertical Power Strips for Rack Systems						
Part Number	# of Outlets	Plug Type	Amp Meter	Circuit Breaker	Surge Protected	Shipping Weight
12851-705	20	Straight	No	Yes	No	12 lb
12851-706	20	Straight	No	Yes	Yes	12 lb
12851-755	20	Straight	Yes	Yes	No	12 lb
12851-756	20	Straight	Yes	Yes	Yes	12 lb
12851-773	20	Straight	Yes	No	No	12 lb
12851-707	20	Twist-Lock	No	Yes	No	12 lb
12851-708	20	Twist-Lock	No	Yes	Yes	12 lb
12851-757	20	Twist-Lock	Yes	Yes	No	12 lb
12851-758	20	Twist-Lock	Yes	Yes	Yes	12 lb
12851-774	20	Twist-Lock	Yes	No	No	12 lb

Outlets are NEMA 5-20R. Straight blade plugs are NEMA 5-20P. Twist lock plugs are NEMA L5-20P. UL and c-UL Listed Accessory 60950. Power Strip is 66.25" long by 1.61" wide by 1.61" deep.

125 Volt ~ 30 Amp Vertical Power Strips for Rack Systems						
Part Number	# of Outlets	Plug Type	Amp Meter	Circuit Breaker	Surge Protected	Shipping Weight
12852-701	20	Twist-Lock	No	Yes	No	15 lb
12852-751	20	Twist-Lock	Yes	Yes	No	15 lb

Outlets are NEMA 5-20R. Each power strip has one NEMA L5-30P twist lock plug. UL and c-UL Recognized 1950. Power Strip is 66.25" long by 1.85" wide by 1.30" deep. (2) 15 Amp breakers, 10 color-coded outlets each.

250 Volt ~ 20 Amp Vertical Power Strips for Racks						
Part Number	# of Outlets	Plug Type	Amp Meter	Circuit Breaker	Surge Protected	Shipping Weight
13242-721	20	Standard	No	No	No	12 lb
13242-771	20	Standard	Yes	No	No	12 lb
13242-722	20	Twist Lock	No	No	No	12 lb
13242-772	20	Twist-Lock	Yes	No	No	12 lb

Outlets are NEMA 6-20R. Straight blade plugs are NEMA 6-20P. Twist lock plugs are NEMA L6-20P. UL and c-UL Listed Accessory 60950. Power Strip is 66.25" long by 1.87" wide by 1.30" deep.

## ORDERING INFORMATION

**NEMA Receptacle - NEMA Plug continued**

250 Volt ~ 30 Amp Vertical Power Strips for Racks						
Part Number	# of Outlets	Plug Type	Amp Meter	Circuit Breaker	Surge Protected	Shipping Weight
13244-701	20	Twist-Lock	No	Yes	No	15 lb
13244-751	20	Twist-Lock	Yes	Yes	No	15 lb

Outlets are NEMA 6-20R. Each power strip has one NEMA L6-30P twist lock plug. UL and c-UL Recognized 1950. Power Strip is 66.25" long by 1.85" wide by 1.61" deep. (2) 15 Amp breakers, 10 color-coded outlets each.

**NEMA Receptacle - IEC Plug**

125 Volt ~ 30 Amp Vertical Power Strips for Racks						
Part Number	# of Outlets	Plug Type	Amp Meter	Circuit Breaker	Surge Protected	Shipping Weight
13249-701	24	Twist-Lock	No	Yes	No	13 lb
13249-751	24	Twist-Lock	Yes	Yes	No	13 lb

Outlets are IEC320 C-13. Each power strip has one NEMA L6-30P twist lock plug. UL and c-UL Listed Accessory 1950. Power Strip is 66.25" long by 1.72" wide by 1.61" deep. (2) 15 Amp breakers, 12 color-coded outlets each.

250 Volt ~ 30 Amp Vertical Power Strips for Racks						
Part Number	# of Outlets	Plug Type	Amp Meter	Circuit Breaker	Surge Protected	Shipping Weight
13249-702	24	Twist-Lock	No	Yes	No	13 lb
13249-752	24	Twist-Lock	Yes	Yes	No	13 lb

Outlets are IEC320 C-13. Each power strip has one NEMA L6-30P twist lock plug. UL and c-UL Listed Accessory 1950. Power Strip is 66.25" long by 1.72" wide by 1.61" deep. (2) 15 Amp breakers, 12 color-coded outlets each.

**IEC Receptacle - IEC Plug**

125/250 Volt ~ 20 Amp Vertical Power Strips for Racks						
Part Number	# of Outlets	Plug Type	Amp Meter	Circuit Breaker	Surge Protected	Shipping Weight
13247-701	20	N/A	No	Yes	No	8 lb
13247-721	20	N/A	No	No	No	8 lb
13247-751	20	N/A	Yes	Yes	No	8 lb
13247-771	20	N/A	Yes	No	No	8 lb






Outlets are IEC320 C-13. Each power strip has one IEC320 C-20 power inlet. Power cord is not included. UL and c-UL Listed Accessory 50950. Power Strip is 66.25" long by 1.61" wide by 1.40" deep. 15 A max per outlet @ 125V; 10A max per outlet @ 250V. 16 Amp max per power strip.

**Accessory Mounting Brackets**




Offset Rack-Mount Brackets		
Part Number	Description/Color	Shipping Weight
12847-702	9.1" Offset Rack Mounting Bracket Kit	2 lb
12847-703	11.7" Offset Rack Mounting Bracket Kit	2 lb

# PLUG AND RECEPTACLE CONFIGURATIONS




## Twist-Lock Plugs

NEMA L5-15P	NEMA L5-20P	NEMA L5-30P	NEMA L6-20P	NEMA L6-30P
				
125VAC/15A	125VAC/20A	125VAC/30A	250VAC/20A	250VAC/30A



## Straight Plugs

NEMA 5-15P	NEMA 5-20P	NEMA 6-20P
		
125VAC/15A	125VAC/20A	250VAC/20A

## Power Outlets

NEMA 5-15R	NEMA 5-20R	NEMA 6-20R
		
125VAC/15A	125VAC/20A	250VAC/20A

## IEC Power Outlets

Power Outlets	Power Inlet
IEC320 C-13 	IEC320 C-20 
250VAC/15A	125VAC/20A 250VAC/16A

