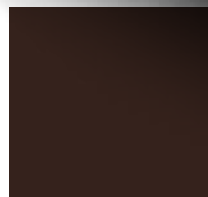
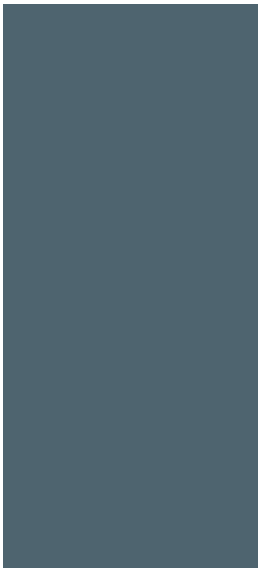
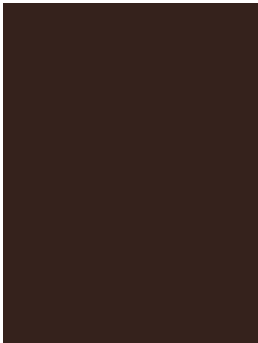
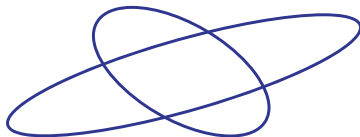




Standard Solutions



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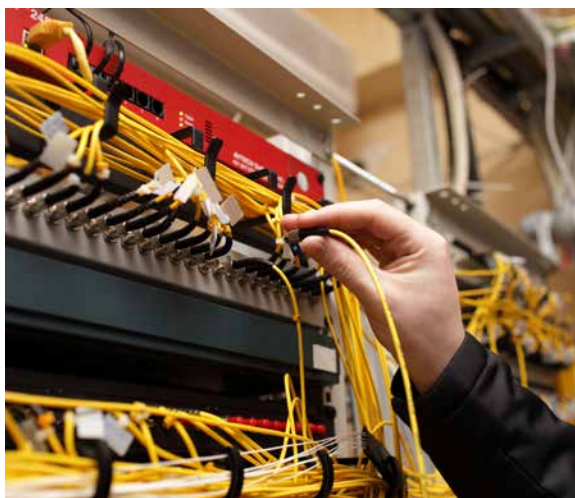
Standard Commercial Solutions

Section 1

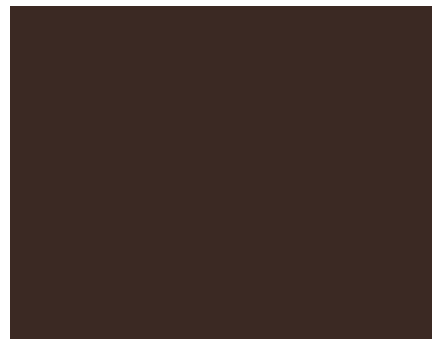
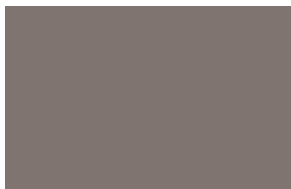


Satellite Strips, Basic Power Strips

Section 2



Power Strip Accessories



Section 3

AC and DC SMARTStart®



Power Distribution Considerations

What are you powering?

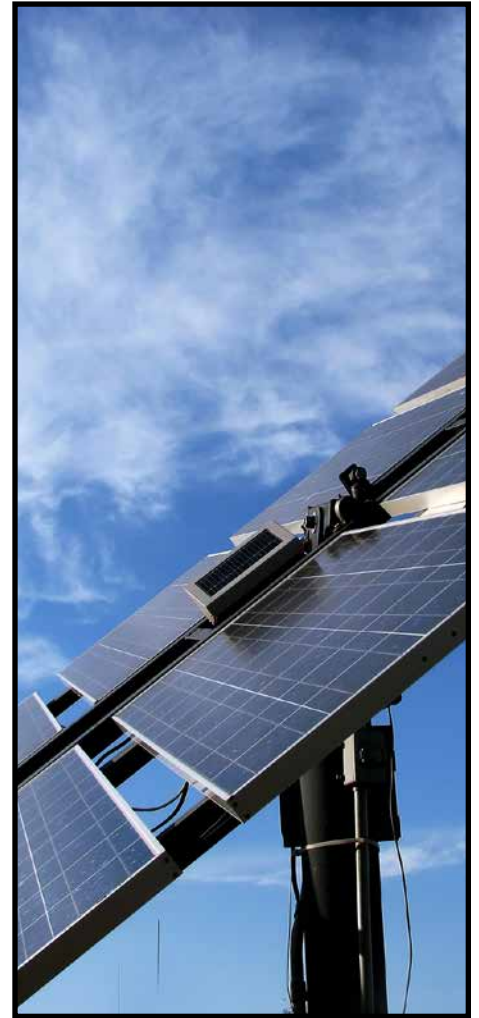
The number of devices needing power and the associated input cords determine the amount and types of outlets you need. Then, you must determine how much power must be supplied. We have a portfolio of products that provide anywhere from 2.40 to 22.08 KVA. For help determining the number of units required for your rack, refer to the table on power output categories located in the features and benefits section. Please carefully consider the loading characteristics of the application and the power capability of the actual site installation. It is most important that if selecting a 30 Amp single phase power strip, the power drop to the cabinet is indeed capable of handling such a load, and the same applies if you choose several power strips for such an installation.

What are your future expectations?

Obviously, it is important to first consider what your present power needs are. However, it is also very important to think about what you may require in the future. Power requirements in data centers continue to grow. Therefore, it is best to choose scalable and flexible solutions that are able to grow with the increasing network demands. Although you might not currently need a high power output, you might consider selecting a power strip with a slightly higher output to prepare for your growing needs. The same applies to voltage. Also keep in mind that you should never load a PDU to its maximum to help prevent possible overload. Also ensure that the “upstream” breakers are sufficiently rated to match the total maximum rating of the PDU.

How much space is available?

Do you have available “U” Space, or are you looking for a vertical solution? API Technologies offers 0U, 1U, and 2U products to support a variety of power distribution needs. We know how important rack space is and, therefore, strive to provide the most power possible in the smallest package. You can get up to 24 outlets in a compact, 33” 0U design!



Basic Power Strips, 72A-120NUGBN-00

Satellite Power Distribution Unit (PDU)



API technologies 72A-120NUGBN-00 PDU is a basic power strips for connected devices that do not require circuit protection. This power strip also has 2 spaced receptacles for plugs with AC power adapters. The space saving, durable metal design, is ideal for many applications such as kiosks, ATM machines, and more.

Technical Specifications

Item	Specification
Input Characteristic	
Voltage:	100-127VAC
Frequency:	50/60 Hz.
Current:	16A
Load Capacity:	1.92 KVA
Overload Protection:	EXTERNAL INPUT PROTECTION REQUIRED
Power Cord:	No
Connector:	IEC 60320 C20
Output Characteristics:	
Voltage:	100-127VAC
Current:	16A total combined load
Outlets:	5X + 2X NEMA 5-20R
Mechanical and Environmental Characteristics:	
Storage Temp.:	-(13) - 149F (-25 - 65C)
Temperature:	32 - 122F (0 - 50C)
Relative Humidity:	0 - 95% (Non-Condensing)
Elevation:	0 - 10,000FT (0 - 3000 m)
Regulatory Conformance:	Safety Agency: UL/cUL, UL60950-1, CE RoHS: Compliant to Directive 2002/95/EC

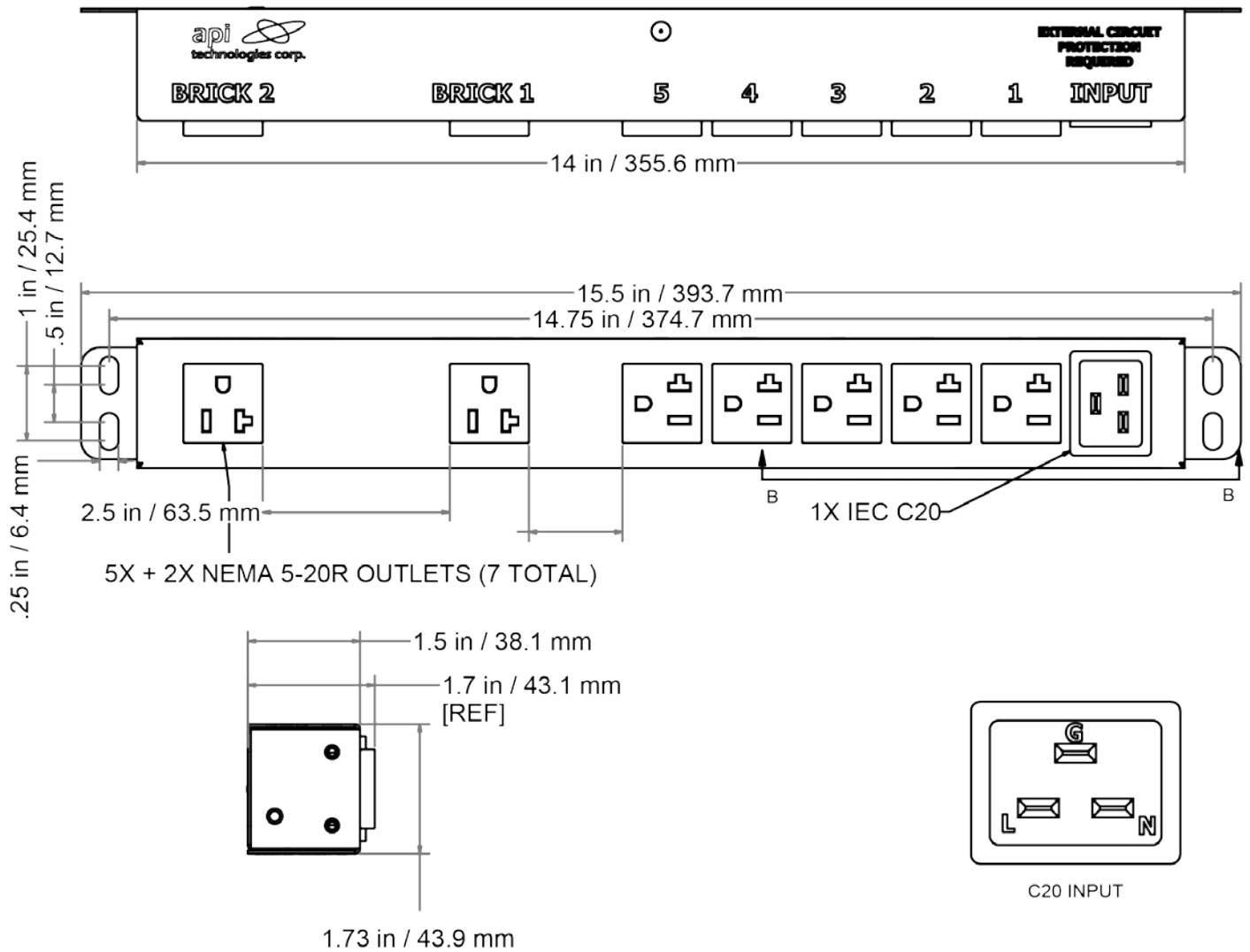
Features

	100-127 VAC
	Input receptacle IEC 60320 C20
	Output receptacle 5 - NEMA 5-20R outlets 2- NEMA 5-20R outlet
	14 inch length. 0U at 1.73 inches. UL and RoHS Compliant
	This product can be modified in color, shape, outlet style, power inputs, and more.

Applications

- Kiosks
- Furniture/media centers
- ATM machines
- Office workstations
- Computer consoles
- Network operations centers

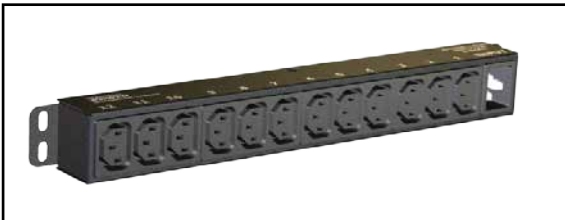
Basic Power Strips, 72A-120NUGBN-00:



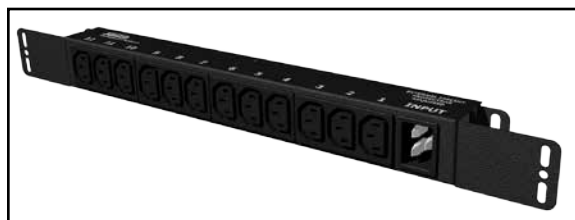
14" Satellite Strip 0U to 1U Adapter

Kit 72-1021-287: This bracket allows for easy horizontal mounting of the Satellite Strips. This option gives you the added flexibility of changing your 0U strip into a 1U solution. The kit includes two adapter brackets and hardware.

From this:



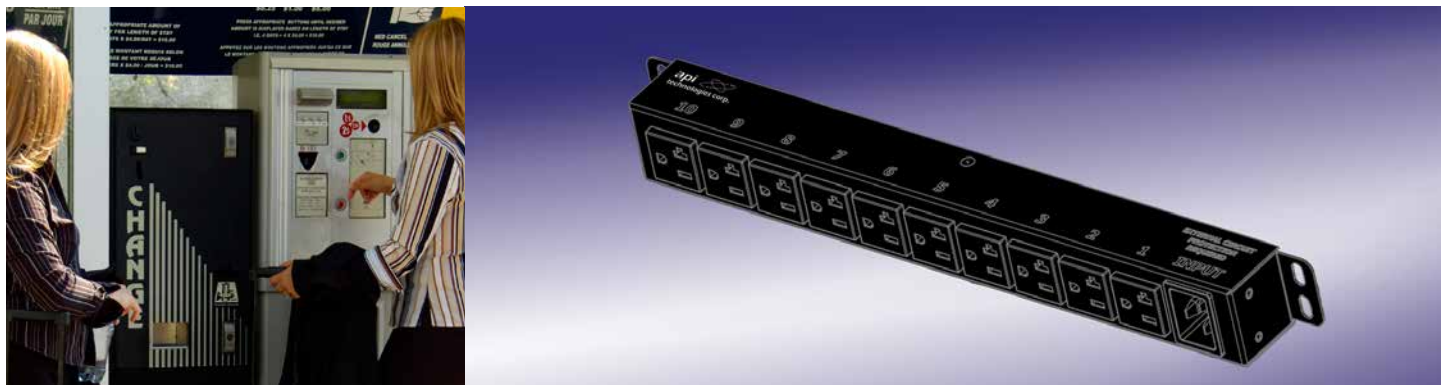
To this:



Rev: 11/24/14

Basic Power Strips, 72A-120NUJBN-00

Satellite Power Distribution Unit (PDU)



API technologies 72A-120NUJBN-00 Satellite PDU is a basic power strips for connected devices that do not require circuit protection. The space saving, durable metal design, is ideal for many applications such as kiosks, ATM machines, and more.

Technical Specifications

Item	Specification
Input Characteristic	
Voltage:	100-127VAC
Frequency:	50/60 Hz.
Current:	20A Maximum
Load Capacity:	2.40 KVA
Overload Protection:	EXTERNAL INPUT PROTECTION REQUIRED
Power Cord:	No
Connector:	IEC 60320 C20
Output Characteristics:	
Voltage:	100 - 127 VAC
Current:	20A COMBINED LOAD
Outlets:	10X NEMA 5-20R
Mechanical and Environmental Characteristics:	
Storage Temp.:	-(13) - 149F (-25 - 65C)
Temperature:	32 - 122F (0 - 50C)
Relative Humidity:	0 - 95% (Non-Condensing)
Elevation:	0 - 10,000FT (0 - 3000 m)
Regulatory Conformance:	Safety Agency: UL/cUL, UL60950-1 RoHS: Compliant to Directive 2002/95/EC

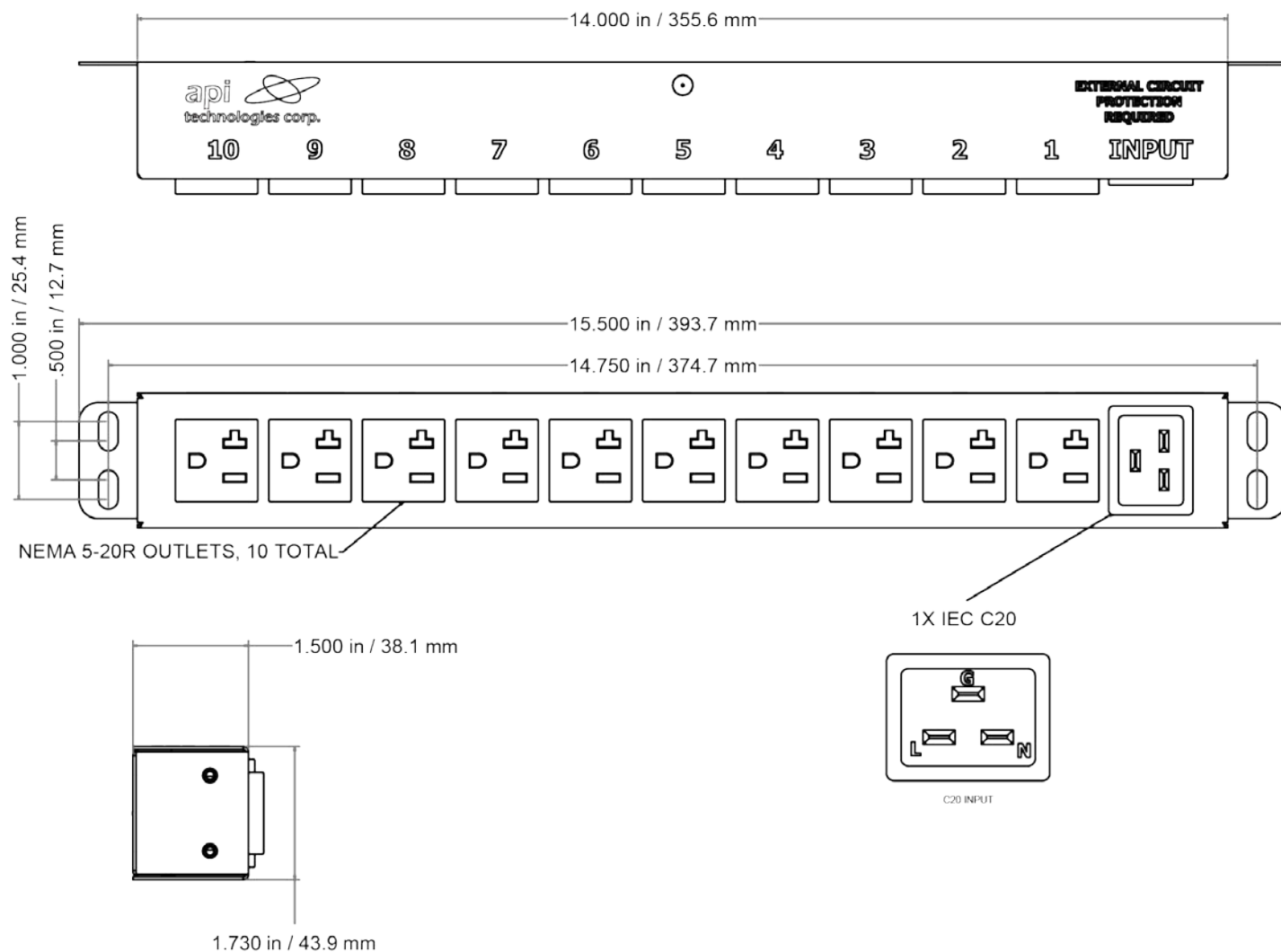
Features

	100-127 VAC
	Input receptacle IEC C-20t
	Output receptacle 10 - NEMA 5-20R
	14 inch length. 0U at 1.73 inches. UL and RoHS Compliant
	This product can be modified in color, shape, outlet style, power inputs, and more.

Applications

- Kiosks
- Furniture/media centers
- ATM machines
- Office workstations
- Computer consoles
- Network operations centers

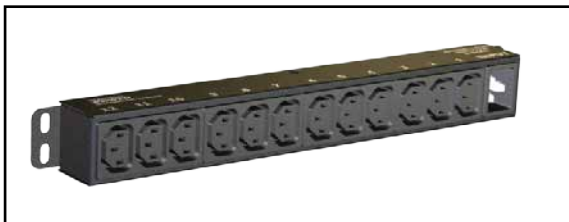
Basic Power Strips, 72A-120NUJBN-00:



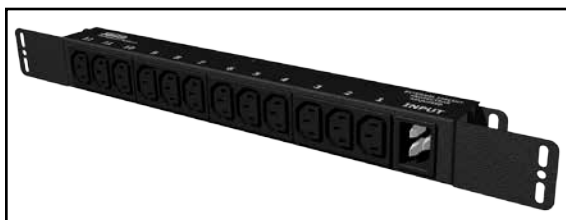
14" Satellite Strip 0U to 1U Adapter

Kit 72-1021-287: This bracket allows for easy horizontal mounting of the Satellite Strips. This option gives you the added flexibility of changing your 0U strip into a 1U solution. The kit includes two adapter brackets and hardware.

From this:



To this:



Rev: 11/24/14

Basic Power Strips, 72A-120NULEN-00

Satellite Power Distribution Unit (PDU)



API technologies 72A-120NULEN-00 Satellite PDU is a basic power strips for connected devices that do not require circuit protection. The space saving, durable metal design, is ideal for many applications such as kiosks, ATM machines, and more.

Technical Specifications

Item	Specification
Input Characteristic	
Voltage:	100-127 / 200-250VAC
Frequency:	50/60 Hz.
Current:	20A / 16A Maximum
Load Capacity:	2.40 / 3.68 KVA
Overload Protection:	EXTERNAL INPUT PROTECTION REQUIRED
Power Cord:	No
Connector:	IEC 60320 C20
Output Characteristics:	
Voltage:	100-127 / 200-250 VAC
Current:	20A / 16A total combined load
Outlets:	12X IEC 60320 C-13
Mechanical and Environmental Characteristics:	
Storage Temp.:	-(13) - 149F (-25 - 65C)
Temperature:	32 - 122F (0 - 50C)
Relative Humidity:	0 - 95% (Non-Condensing)
Elevation:	0 - 10,000FT (0 - 3000 m)
Regulatory Conformance:	Safety Agency: UL/cUL, UL60950-1, CE RoHS: Compliant to Directive 2002/95/EC

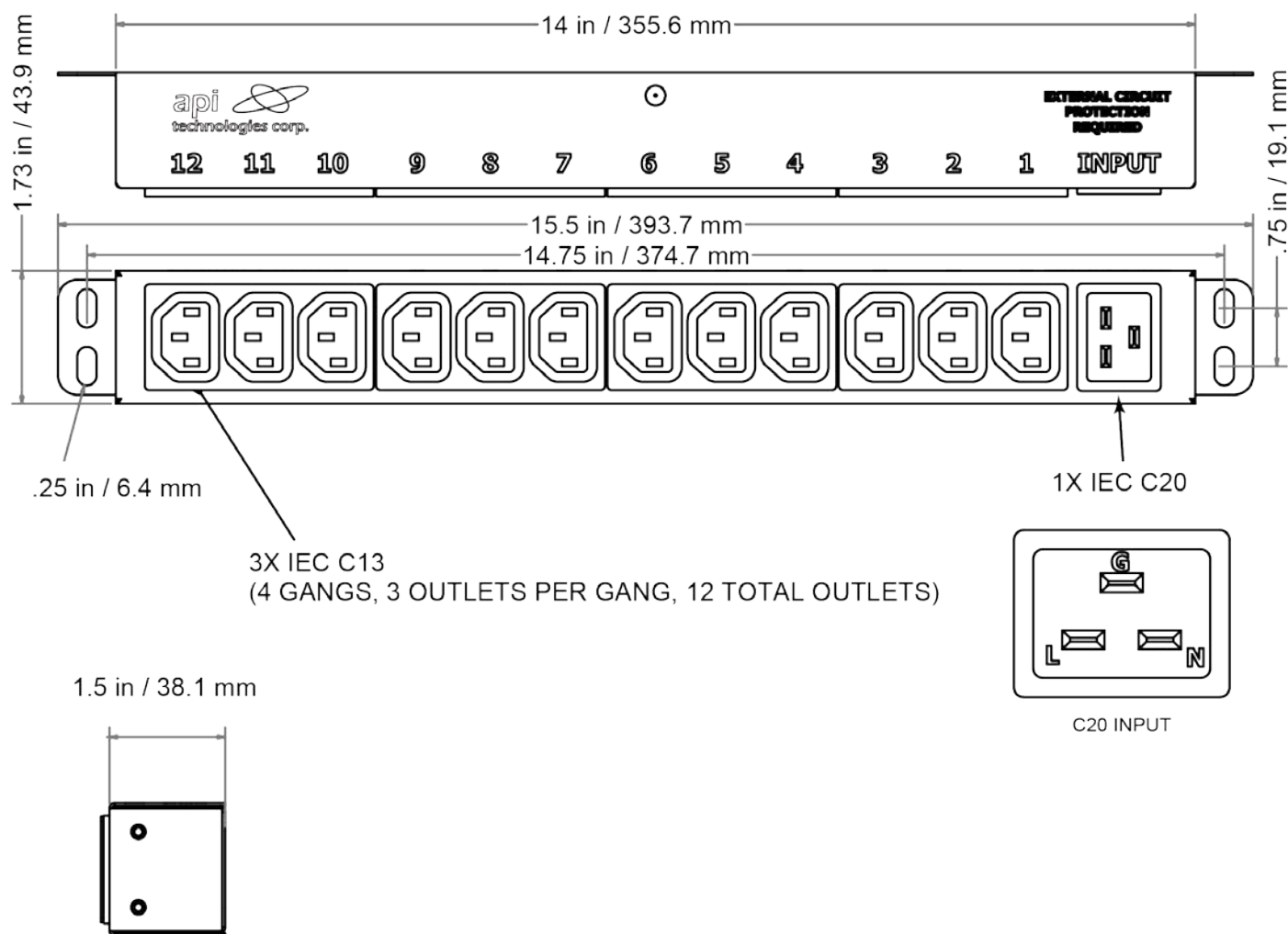
Features

	100-127 VAC
	Input receptacle IEC 60320 C-20
	Output receptacle 12 - IEC 60320 C-13
	14 inch length. 0U at 1.73 inches. UL and RoHS Compliant
	This product can be modified in color, shape, outlet style, power inputs, and more.

Applications

- Kiosks
- Furniture/media centers
- ATM machines
- Office workstations
- Computer consoles
- Network operations centers

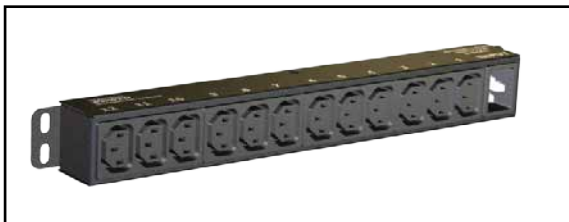
Basic Power Strips, 72A-120NULEN-00:



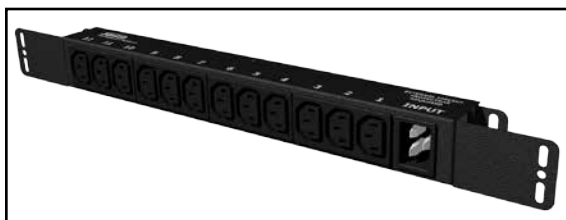
14" Satellite Strip 0U to 1U Adapter

Kit 72-1021-287: This bracket allows for easy horizontal mounting of the Satellite Strips. This option gives you the added flexibility of changing your 0U strip into a 1U solution. The kit includes two adapter brackets and hardware.

From this:



To this:



Rev: 11/24/14

Basic Power Strips, 72A-115BUIEN-00

Satellite Power Distribution Unit (PDU)



API technologies 72A-115BUIEN-00 Satellite PDU is a basic power strips with an on/off switch and circuit protection for connected devices. The space saving, durable metal design, is ideal for many applications such as kiosks, ATM machines, and more.

Technical Specifications

Item	Specification
Input Characteristic	
Voltage:	100-127 / 200-250VAC
Frequency:	50/60 Hz.
Current:	15A / 12A Maximum
Load Capacity:	2.40 / 3.68 KVA
Overload Protection:	1 - 2P/15 AMP Circuit Breaker
Power Cord:	No
Connector:	IEC 60320 C20
Output Characteristics:	
Voltage:	100-127 / 200-250 VAC
Current:	15A / 12A total combined load
Outlets:	9X IEC 60320 C-13
Mechanical and Environmental Characteristics:	
Storage Temp.:	-(13) - 149F (-25 - 65C)
Temperature:	32 - 122F (0 - 50C)
Relative Humidity:	0 - 95% (Non-Condensing)
Elevation:	0 - 10,000FT (0 - 3000 m)
Regulatory Conformance:	Safety Agency: UL/cUL, UL60950-1, CE

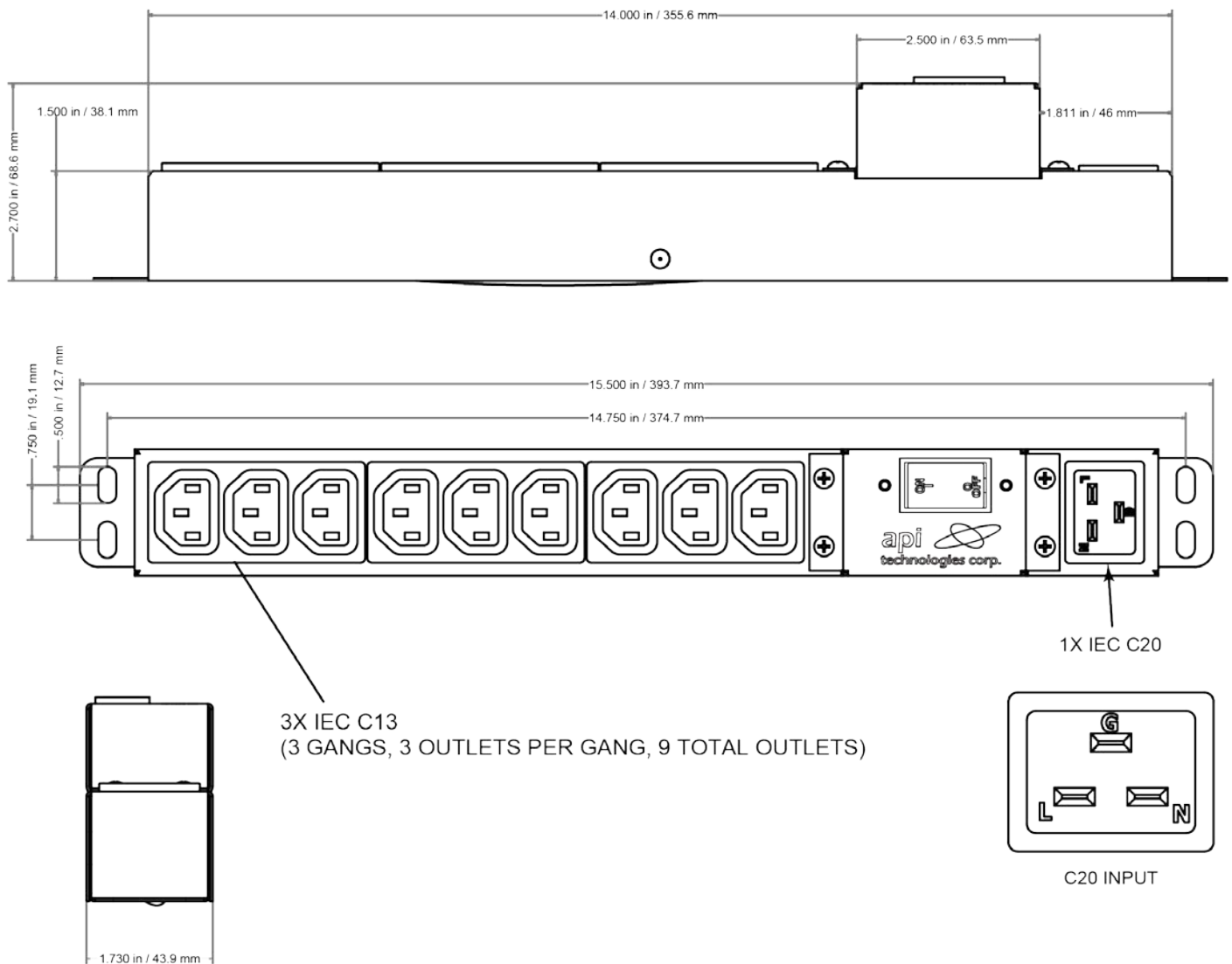
Features

	100-127 VAC
	Input receptacle 1- IEC 60320 C-20 Input
	Output receptacle 9 - IEC 60320 C-13 outlets
	1 - 2P/15 AMP Circuit Breaker
	14 inch length. 0U at 1.73 inches. UL and RoHS Compliant
	This product can be modified in color, shape, outlet style, power inputs, and more.

Applications

- Kiosks
- Furniture/media centers
- ATM machines
- Office workstations

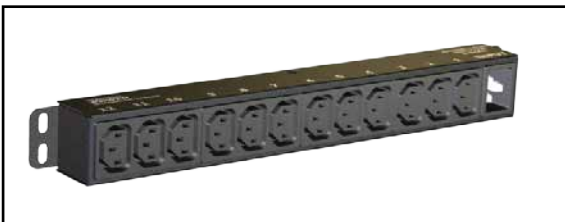
Basic Power Strips, 72A-115BUIEN-00:



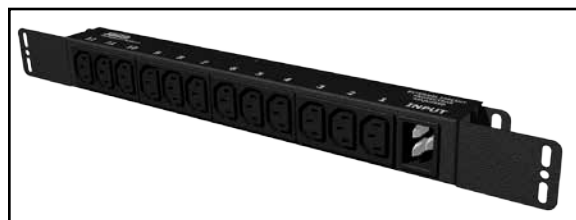
14" Satellite Strip 0U to 1U Adapter

Kit 72-1021-287: This bracket allows for easy horizontal mounting of the Satellite Strips. This option gives you the added flexibility of changing your 0U strip into a 1U solution. The kit includes two adapter brackets and hardware.

From this:



To this:



Rev: 11/24/14

Basic Power Strips, 72A-116BULEN-01

Satellite Power Distribution Unit (PDU)



API technologies 72A-116BULEN-01 Satellite PDU is a basic power strips with an on/off switch and circuit protection for connected devices. The space saving, durable metal design, is ideal for many applications such as kiosks, ATM machines, and more.

Technical Specifications

Item	Specification
Input Characteristic	
Voltage:	100-240VAC
Frequency:	50/60 Hz.
Current:	16A Maximum
Load Capacity:	3.84 KVA @ 240VAC
Overload Protection:	1 - 16 AMP Thermal Circuit Breaker
Power Cord:	No
Connector:	IEC 60320 C20
Output Characteristics:	
Voltage:	100-240VAC
Current:	16A total combined load
Outlets:	12X IEC 60320 C-13
Mechanical and Environmental Characteristics:	
Storage Temp.:	-(13) - 149F (-25 - 65C)
Temperature:	32 - 122F (0 - 50C)
Relative Humidity:	0 - 95% (Non-Condensing)
Elevation:	0 - 10,000FT (0 - 3000 m)
Regulatory Conformance:	Safety Agency: UL/cUL, UL60950-1, CE RoHS: Compliant to Directive 2011/65/EU

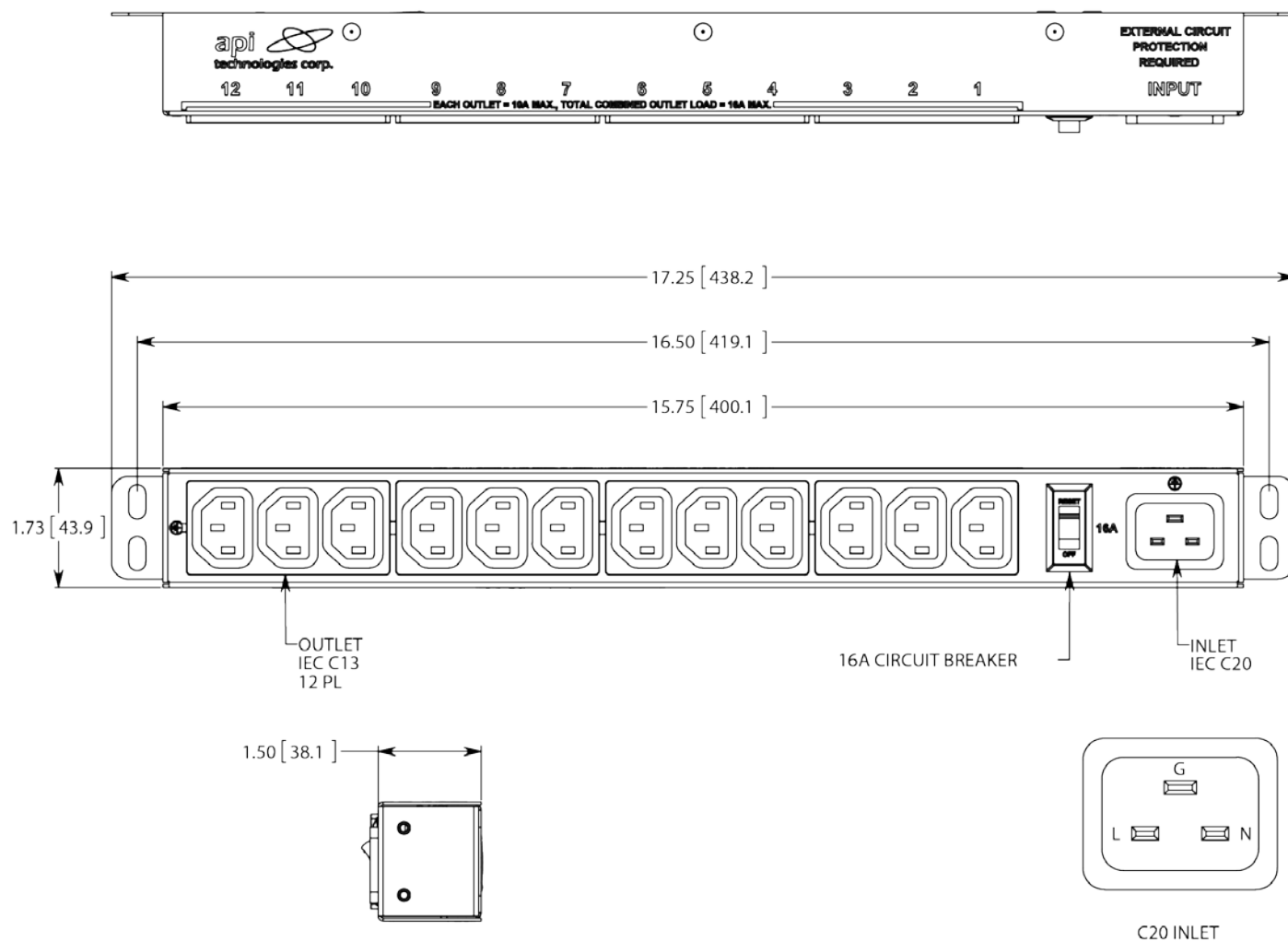
Features

	100-240 VAC
	Input receptacles IEC 60320 C-20
	Output receptacles 9 - IEC 60320 C-13
	1 - 16 AMP Thermal Circuit Breaker
	14 inch length. 0U at 1.73 inches. UL and RoHS Compliant
	This product can be modified in color, shape, outlet style, power inputs, and more.

Applications

- Kiosks
- Furniture/media centers
- ATM machines
- Office workstations
- Computer consoles
- Network operations centers

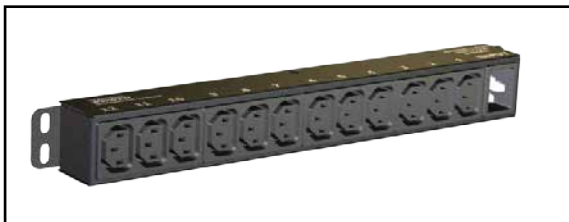
Basic Power Strips, 72A-116BULEN-01:



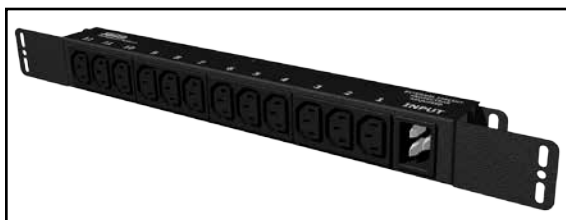
14" Satellite Strip 0U to 1U Adapter

Kit 72-1021-287: This bracket allows for easy horizontal mounting of the Satellite Strips. This option gives you the added flexibility of changing your 0U strip into a 1U solution. The kit includes two adapter brackets and hardware.

From this:



To this:



Rev: 11/24/14

Basic Power Strips, 72A-120BKLEN-00

Power Distribution Unit (PDU)



API technologies 72A-120BKLEN-00 PDU is a basic power strips for connected devices that do not require circuit protection. The space saving, durable metal design, is ideal for many applications such as kiosks, ATM machines, and more.

Technical Specifications

Item	Specification
Input Characteristic	
Voltage:	200-250VAC
Frequency:	50/60 Hz.
Current:	20A Maximum
Load Capacity:	4.6 KVA
Overload Protection:	1 - 2P/20 AMP UL489 Circuit Breaker
Power Cord:	10' (3m), #12AWG/3C
Connector:	NEMA L6-20P
Indicator:	Power-on LED
Output Characteristics:	
Voltage:	200-250VAC
Current:	20A total combined load
Outlets:	12X IEC C-13
Mechanical and Environmental Characteristics:	
Storage Temp.:	-(13) - 149F (-25 - 65C)
Temperature:	32 - 122F (0 - 50C)
Relative Humidity:	0 - 95% (Non-Condensing)
Elevation:	0 - 10,000FT (0 - 3000 m)
Regulatory Conformance:	Safety Agency: UL/cUL, UL60950-1, CE RoHS: Compliant to Directive 2002/95/EC

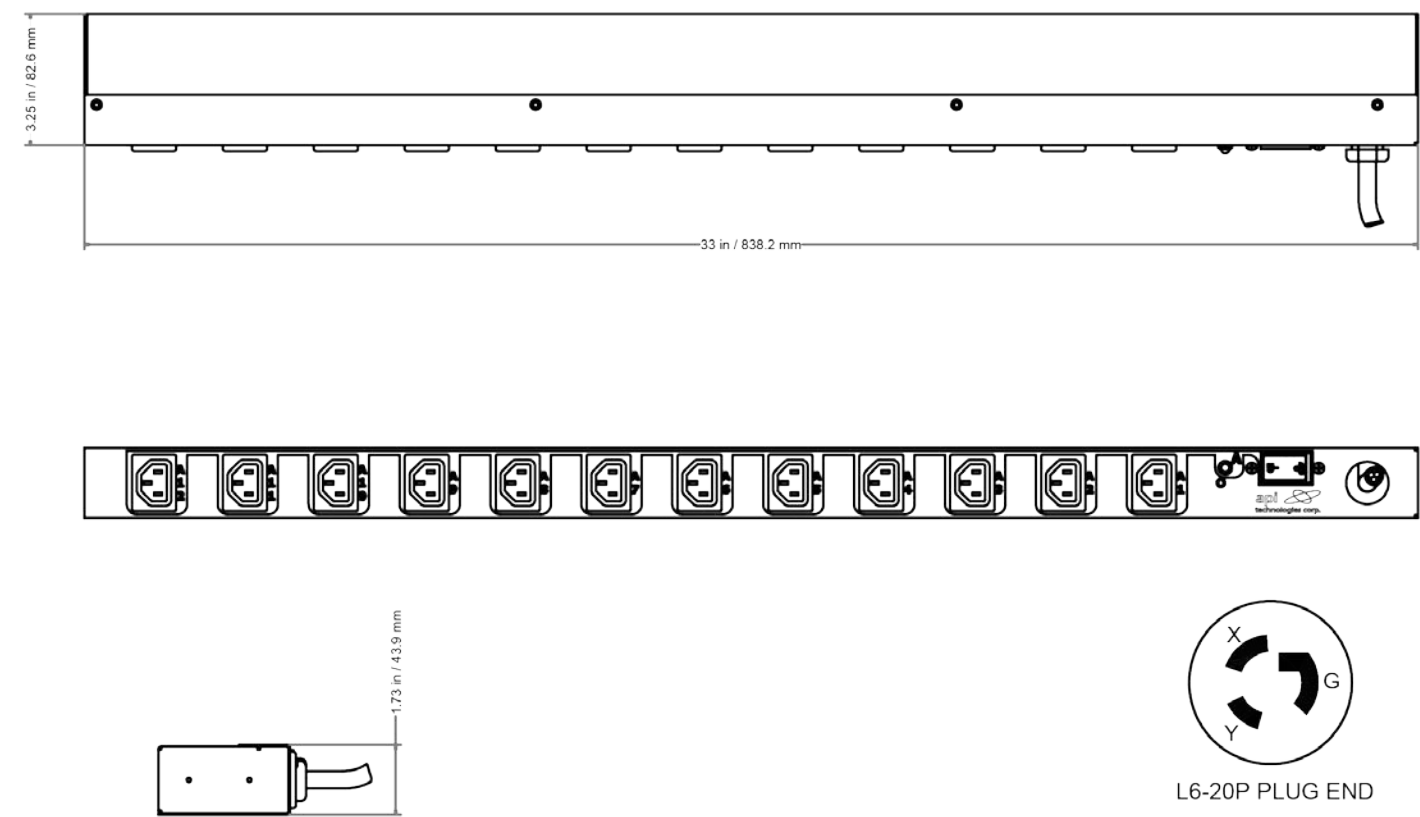
Features

	200-250 VAC
	Input Plug 1- NEMA L6-20P with 10' cord
	Output receptacles 12 - IEC 60320 C-13 outlets
	1 - 2P/20 AMP UL489 Circuit Breaker
	33 inch length. 0U at 1.73 inches. UL and RoHS Compliant
	This product can be modified in color, shape, outlet style, power inputs, and more.

Applications

- Data Centers
- Automatic test equipment
- Test Benches
- Network operations centers

Basic Power Strips, 72A-120BKLEN-00:



Rev: 11/24/14

Basic Power Strips, 72A-130BMTGN-00

Power Distribution Unit (PDU)



API technologies 72A-130BMTGN-00 PDU is a basic power strips for connected devices that require circuit protection. The space saving, durable metal design, is ideal for many applications such as kiosks, ATM machines, and more.

Technical Specifications

Item	Specification
Input Characteristic	
Voltage:	200-250VAC
Frequency:	50/60 Hz.
Current:	30A Maximum
Load Capacity:	6.90 KVA
Overload Protection:	2 - 2P/15A UL489 Circuit Breaker
Power Cord:	10' (3m), #10AWG/3C
Connector:	NEMA L6-30P
Output Characteristics:	
Voltage:	100-240VAC
Current:	16A total combined load
Outlets:	2X, 9-IEC C-13, 1-IEC C-19
Mechanical and Environmental Characteristics:	
Storage Temp.:	-(13) - 149F (-25 - 65C)
Temperature:	32 - 122F (0 - 50C)
Relative Humidity:	0 - 95% (Non-Condensing)
Elevation:	0 - 10,000FT (0 - 3000 m)
Regulatory Conformance:	Safety Agency: UL/cUL, UL60950-1, CE RoHS: Compliant to Directive 2002/95/EC

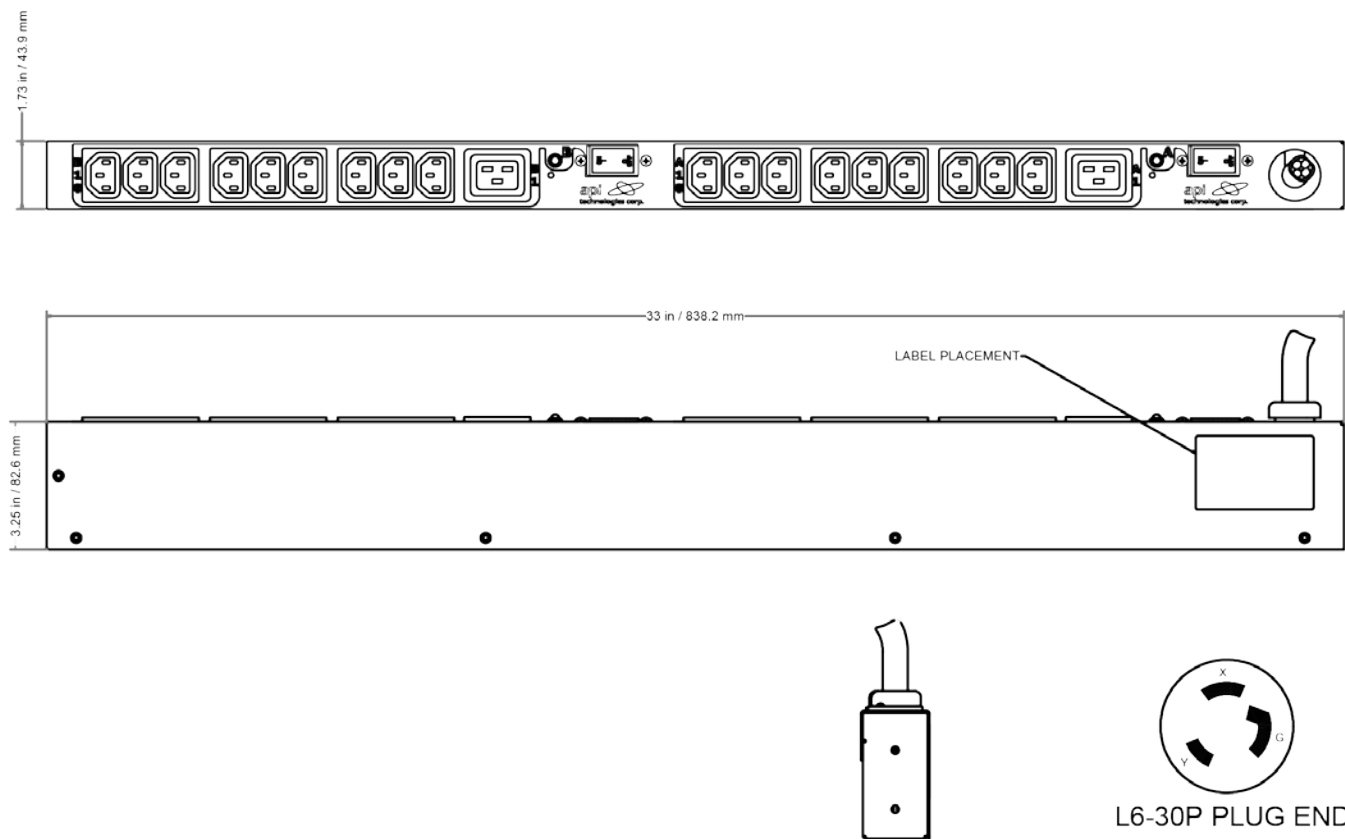
Features

	200-250 VAC
	Input Plug 1-NEMA L6-30P with 10' cord
	18 - IEC 60320 C-13 outlets 2- IEC 60320 C-20 outlet 1-NEMA L6-30P (with cord) input
	2 - 2P/15A UL489 Circuit Breaker
	33 inch length. 0U at 1.73 inches. UL and RoHS Compliant
	This product can be modified in color, shape, outlet style, power inputs, and more.

Applications

- Data Centers
- Automatic test equipment
- Test Benches
- Network operations centers

Basic Power Strips, 72A-130BMTGN-00:



Rev: 11/24/14

Basic Power Strips, 72A-116BUHEN-01

Power Distribution Unit (PDU)



API technologies 72A-116BUHEN-01 PDU is a basic power strips for connected devices that require circuit protection. The space saving, durable metal design, is ideal for many applications such as kiosks, ATM machines, and more.

Technical Specifications

Item	Specification
Input Characteristic	
Voltage:	200-240VAC
Frequency:	50/60 Hz.
Current:	16A Maximum
Load Capacity:	xxx KVA
Overload Protection:	1 - 16Amp circuit breaker with finger guard
Power Cord:	No
Connector:	IEC C20 receptacle with retaining clip
Output Characteristics:	
Voltage:	100-240VAC
Current:	16A total combined load
Outlets:	8X - IEC 320-C13, with retaining clips
Mechanical and Environmental Characteristics:	
Storage Temp.:	-(13) - 149F (-25 - 65C)
Temperature:	32 - 122F (0 - 50C)
Relative Humidity:	0 - 95% (Non-Condensing)
Elevation:	0 - 10,000FT (0 - 3000 m)
Regulatory Conformance:	Safety Agency: UL/cUL, UL60950-1, CE RoHS: Compliant to Directive 2002/95/EC

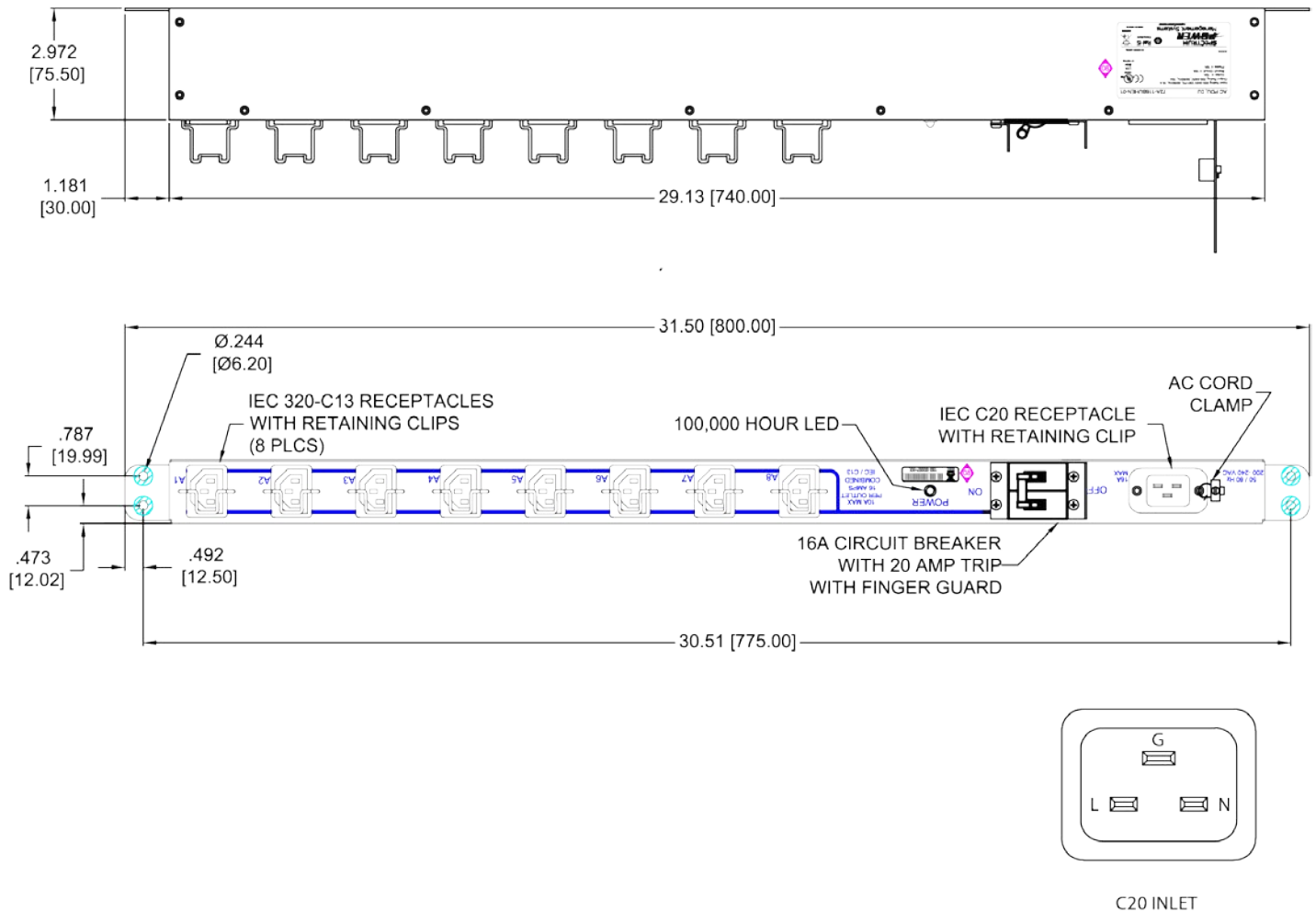
Features

	200-240 VAC
	Input recepticle IEC 60320 C-20 with retaining clips
	Output Recepticle 8 - IEC 60320 C-13with retaining clips
	1 - 16Amp circuit breaker with finger guard
	29 inch length. 0U at 1.73 inches. UL and RoHS Compliant
	This product can be modified in color, shape, outlet style, power inputs, and more.

Applications

- Data Centers
- Automatic test equipment
- Test Benches
- Network operations centers

Basic Power Strips, 72A-116BUHEN-01:



Rev: 11/24/14

Basic Power Strips, 72A-190BQRBN-00

Power Distribution Unit (PDU)



API technologies 72A-190BQRBN-00 PDU is a basic power strips for connected devices that require circuit protection. The space saving, durable metal design, is ideal for many applications such as kiosks, ATM machines, and more.

Technical Specifications

Item	Specification
Input Characteristic	
Voltage:	128V +10/-15%, 3 PHASE, WYE
Frequency:	50/60 Hz.
Current:	30A Maximum
Load Capacity:	10.8 KVA
Overload Protection:	2 - 1P/15A UL489 Circuit Breakers / Phase
Power Cord:	10' (3m), #8AWG/5C
Connector:	NEMA L21-30P
Output Characteristics:	
Voltage:	120V
Current:	30A total combined load/ Phase
Outlets:	18X NEMA 5-20R
Mechanical and Environmental Characteristics:	
Storage Temp.:	-(13) - 149F (-25 - 65C)
Temperature:	32 - 122F (0 - 50C)
Relative Humidity:	0 - 95% (Non-Condensing)
Elevation:	0 - 10,000FT (0 - 3000 m)
Regulatory Conformance:	Safety Agency: UL/cUL, UL60950-1, CE RoHS: Compliant to Directive 2002/95/EC

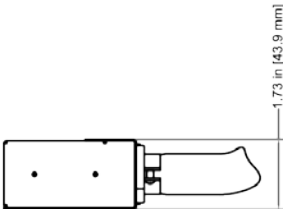
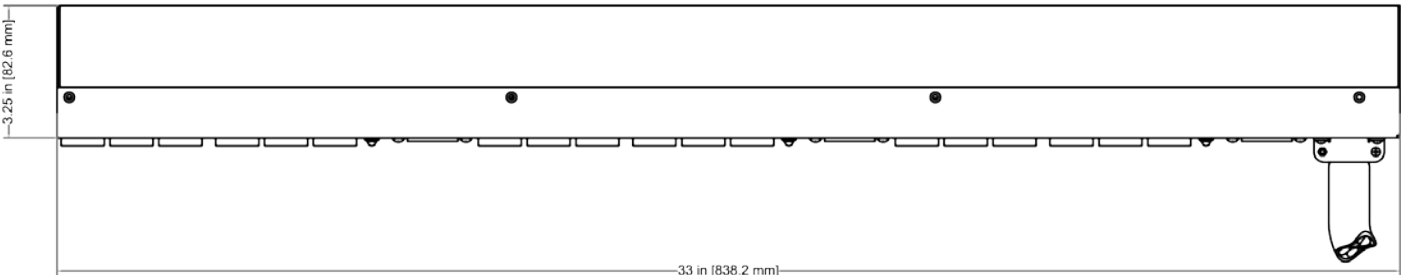
Features

	128V +10/-15%
	3 PHASE WYE
	Input Plug NEMA L21-30P with 10' cord
	Output Recepticals 18 - NEMA 5-20R
	2/ Phase - 1P/15A UL489 Circuit Breakers
	14 inch length. 0U at 1.73 inches. UL and RoHS Compliant
	This product can be modified in color, shape, outlet style, power inputs, and more.

Applications

- Data Centers
- Automatic test equipment
- Test Benches

Basic Power Strips, 72A-190BQRBN-00:



L21-30P PLUG END

Rev: 11/24/14

Basic Power Strips, 7200-A-39-3

Power Distribution Unit (PDU) with TVS



API technologies 7200-A-39-3 PDU is a basic power strips for connected devices that require circuit protection. The space saving, durable metal design, is ideal for many applications such as kiosks, ATM machines, and more.

Technical Specifications

Item	Specification
Input Characteristic	
Voltage:	120VAC +10/-15%
Frequency:	50/60 Hz.
Current:	34A Maximum
Load Capacity:	3.6 KVA
Overload Protection:	EXTERNAL OVERLOAD PROTECTION
Power Cord:	10' (3m), #10/3 type SJOOW Cord
Connector:	NEMA L5-30P
TVS (CM, DM):	100 Joules
Output Characteristics:	
Voltage:	120VAC
Overload Protection:	8 - 1P/15A UL489 Circuit Breakers
Current:	24A total combined load/ Phase
Outlets:	8X2 NEMA 5-20R
Mechanical and Environmental Characteristics:	
Storage Temp.:	-(13) - 149F (-25 - 65C)
Temperature:	32 - 122F (0 - 50C)
Relative Humidity:	0 - 95% (Non-Condensing)
Elevation:	0 - 10,000FT (0 - 3000 m)
Regulatory Conformance:	Safety Agency: UL/cUL, UL60950-1, CE RoHS: Compliant to Directive 2002/95/EC

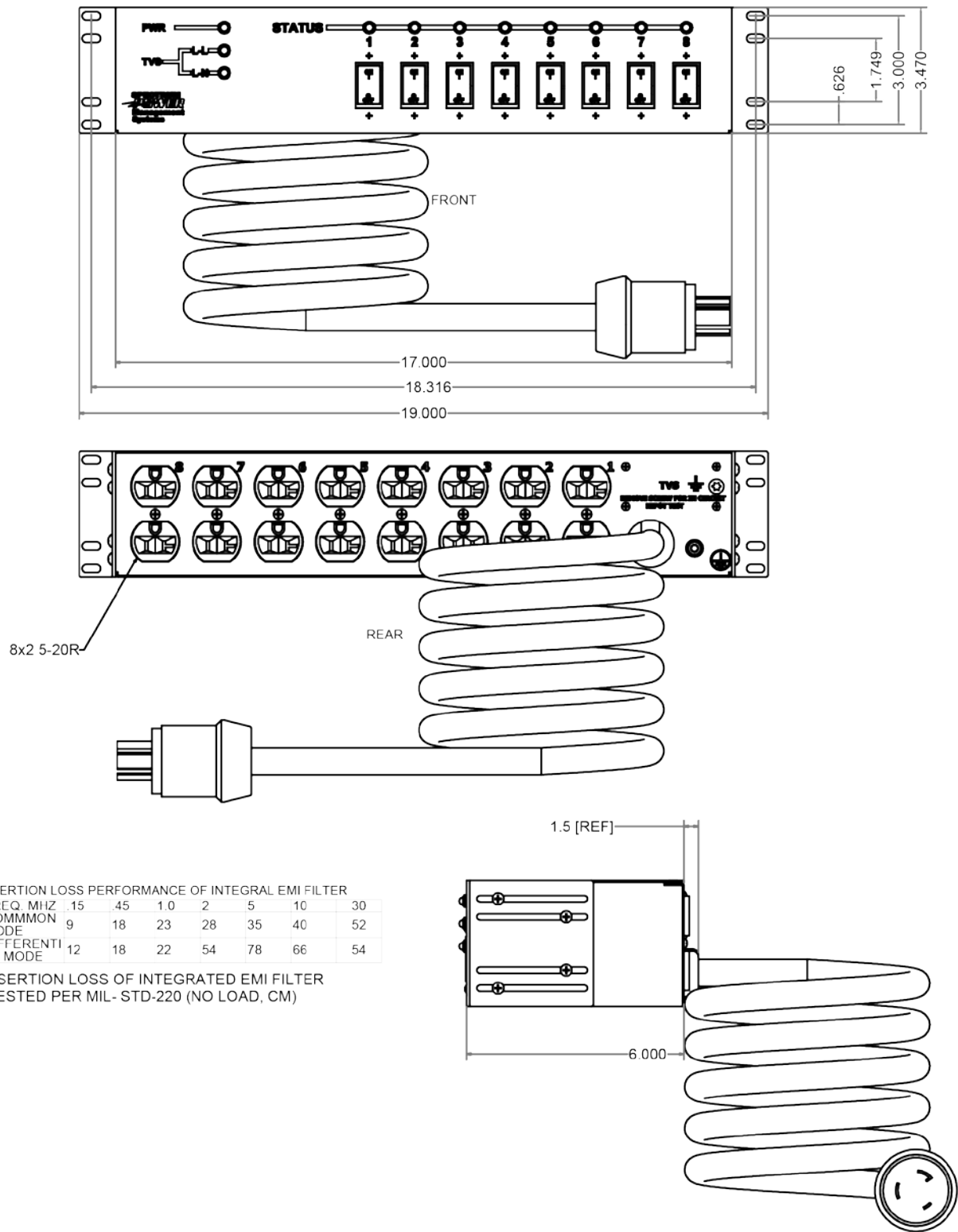
Features

	100-127 VAC
	Input Plug: NEMA L5-30P with a 10' cord
	Output: Recepticals 8 x 2 - NEMA 5-20R
	8 - 1P/15A UL489 Circuit Breakers and TVS
	On board EMI filtering of input power
	Power and TVS indicator LEDs
	17 inch length (fits 19in. rack with mounting flange). 2U at 3.47 inches. UL and RoHS Compliant
	This product can be modified in color, shape, outlet style, power inputs, and more.

Applications

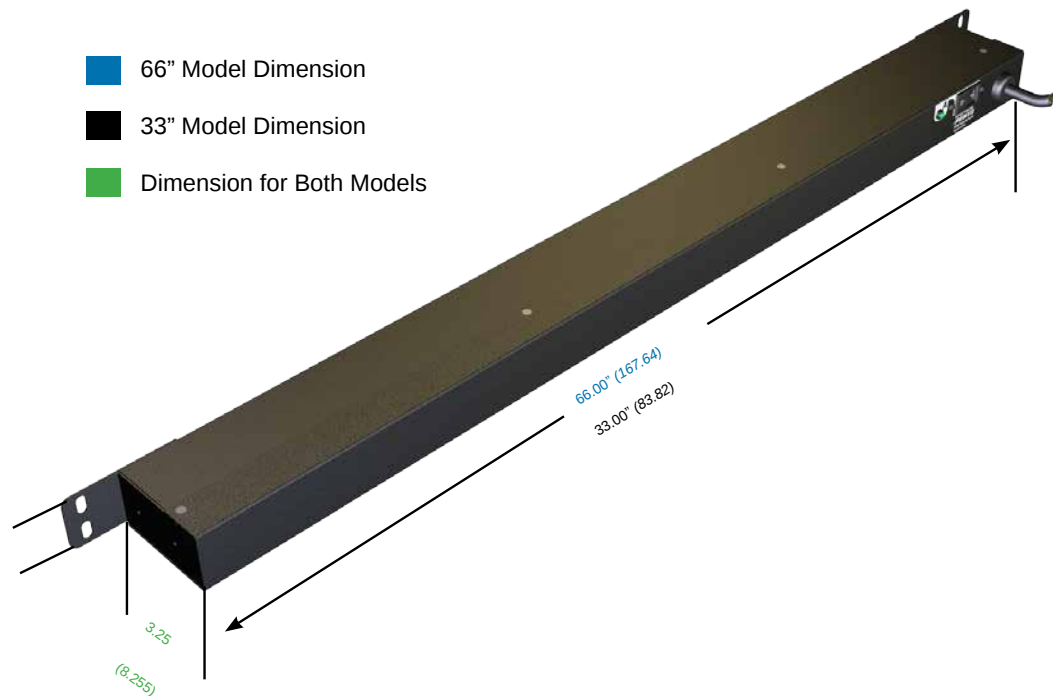
- Data Centers
- Network operations centers

Basic Power Strips, 7200-A-39-3:

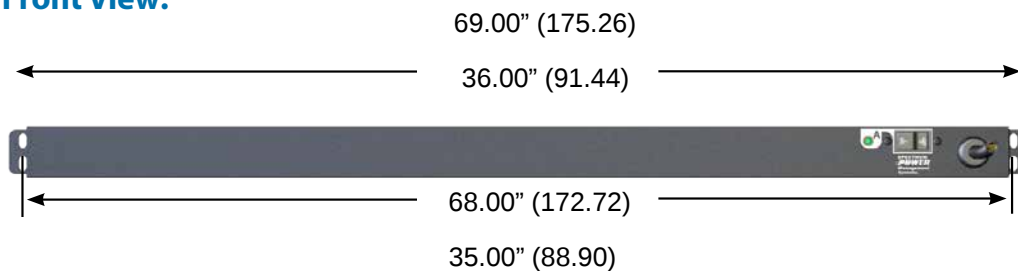


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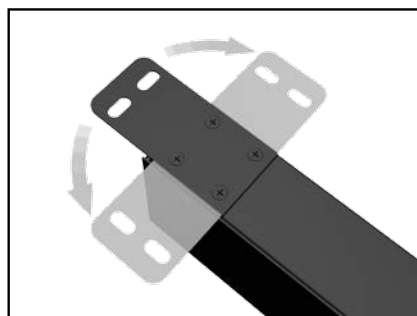
Basic Power Strips, Standard Mounting Method



Front View:



Bracket View:



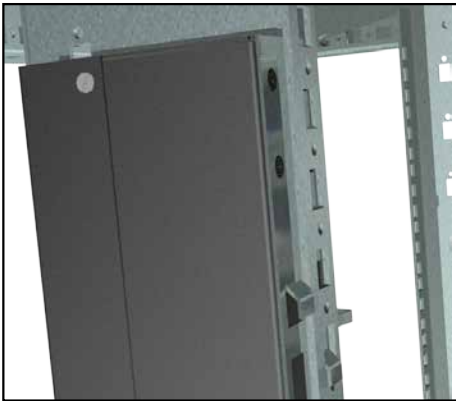
Note: Brackets are shipped loose with hardware

One pair of standard brackets are shipped with each Standard AC Power Strip.

The brackets are adjustable to allow for mounting on the back or either side.

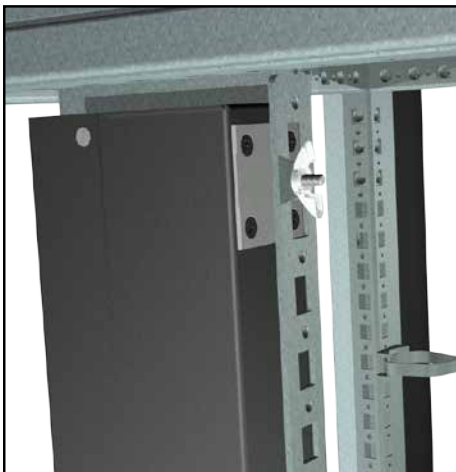
Additional mounting brackets are available for purchase.

Basic Power Strips, Optional Mounting Method



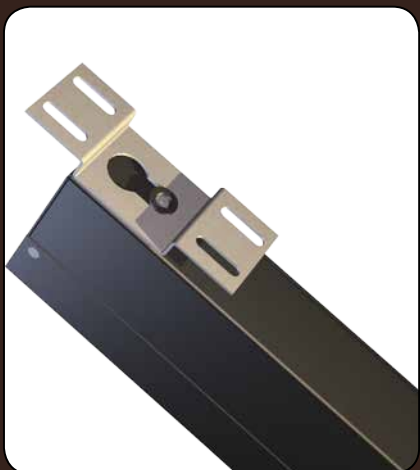
Kit 72-1021-292 Gravity Clip

This solution allows for easier installation of your vertical mount power strip. The kit includes one gravity clip, one standard bracket, and hardware.



Kit 72-1021-291 Stud Mount Plate

This solution provides an alternative method to mount power strips in various rack enclosures. The installer is able to rotate the stud plate to the most favorable position. The kit includes two stud plates and hardware.



Kit 72-1021-288 Button Adapter

The Button Adapter enables existing rack enclosures to accommodate power strips with button hardware. The kit includes two adaptor brackets, two buttons, and hardware.

Kit 72-1021-290

This option includes two adaptor brackets and hardware. No buttons are included.

Power Strips, Connector Guide

NEMA Twist-Lock			
Amps	Voltage	Plug	Outlet
15	100-127	L5-15P 	L5-15R 
20	100-127	L5-20P 	L5-20R 
30	100-127	L5-30P 	L5-30R 
20	200-250	L6-20P 	L6-20R 
30	200-250	L6-30P 	L6-30R 
30	200-250	L14-30P 	L14-30R 
30	208	L15-30P 	L15-30R 
20	120/208	L21-20P 	L21-20R 
30	120-208	L21-30P 	L21-30R 

NEMA Straight-Blade			
Amps	Voltage	Plug	Outlet
15	100-127	5-15P 	5-15R 
20	100-127	5-20P 	5-20R 
30	100-127	5-30P 	5-30R 
20	200-250	6-20P 	6-20R 
30	200-250	6-30P 	6-30R 

IEC 60320			
Amps	Voltage	Plug	Outlet
15/10*	100-127 or 200-250	C14 	C13 
20/16*	100-127 or 200-250	C20 	C19 
IEC 60309			
Amps	Voltage	Plug	Outlet
16	200-250	3 Pin 	3 Pin 
32	200-250	3 Pin 	3 Pin 
16	400	(3 Phase) 5 Pin 	(3 Phase) 5 Pin 
32	400	(3 Phase) 5 Pin 	(3 Phase) 5 Pin 

AC Switched Power Distribution Unit

AC SMARTStart® Jr. - Advanced Remote Control and Monitoring with Intelligent PDU



The AC SMARTStart® Jr. power distribution series is designed to remotely control AC loads and monitor vital parameters such as line voltage, total load current, and line frequency via Telnet, SNMP, or Web interface.

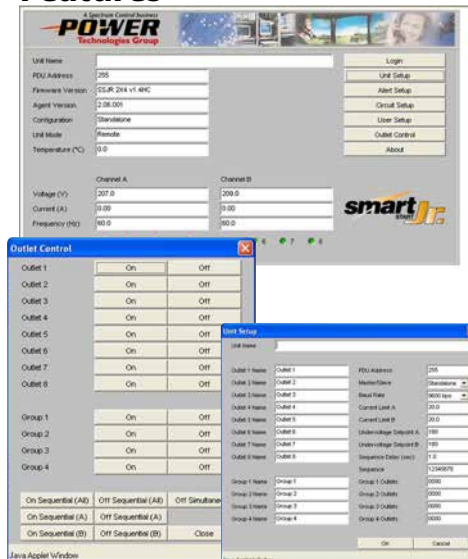
AC SMARTStart Jr. provides surge protection and user defined, remotely managed power sequencing. Users can choose to power on or off any or all loads in any sequence over a wide range of time intervals. Power sequencing significantly reduces the total in-rush current keeping critical equipment safe. The Power Sequencing can also be managed locally, using controls on the front panel.

Two user programmable external contacts can be configured to alert the user of under-voltage, over-current, or over-temperature conditions. Optional features include alarm sensors; security sensors; limit switches; and remote emergency power off (EPO).

Web, Telnet, SNMP Option:

- Global access to reboot equipment
- Enhanced Web-based device set-up and control management
- Auto Ping tests and optionally power cycles a connected host
- Email alerts for designated recipients
- Optional sensors can be included in alarm emails with user defined messages
- SNMP MIB for standards-based monitoring and control of the PDU
- Identify and set up parameters such as: active status, high voltage limit, low voltage limit, peak input current draw, temperature (if optional temperature sensor is connected)
- Enables lock out of outlets so that individuals do not plug in unknown or unauthorized equipment

Features



AC Power, Single Ø:100-127, 200-240, Max Input Current Rating: 20A or 30A



User defined sequence and time delay and remote power control to a single or group of outlets



Remotely monitors input line voltage, total load current, line frequency, and remote external temperature (optional) via Telnet or Web interface.



Status Indicator LEDs



Optional Emergency Power Off (EPO) configuration available



Complies to FCC, CE, UL, and TÜV requirements. Optional front or center mounting brackets. IEC NEMA outlets or screw clamp terminal blocks for industrial applications



This product can be modified in color, shape, outlet style, power inputs, and more.

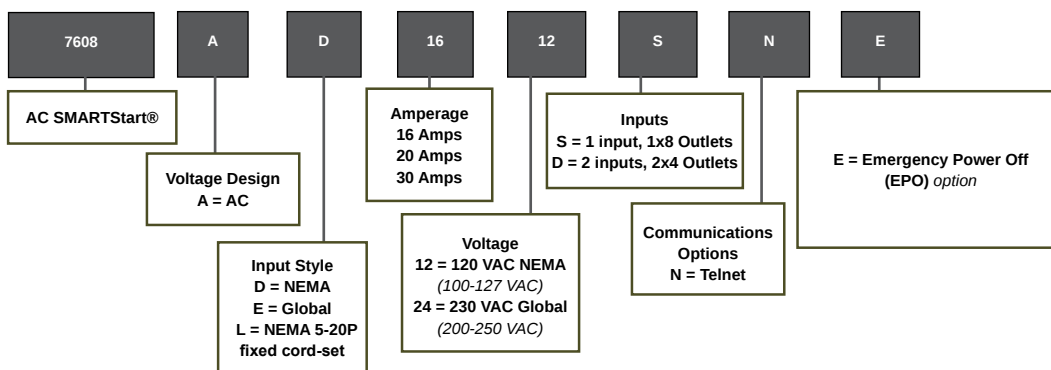
	Part Number	Input Voltage	Max Current	Input Connection	Inputs	Outlet Connections	Communication
1U	7608AD2012S	120 VAC / 47-63Hz	20A	IEC 20 Inlet	Single Input	8 x NEMA 5-20R	Serial RS232
	7608AL2012S	120 VAC / 47-63Hz	20A	NEMA 5-20P w/ 10' cord	Single Input	8 x NEMA 5-20R	
	7608AE1624S	230 VAC / 47-63Hz	16A	IEC 20 Inlet	Single Input	8 x IEC C13	
	7608AD2012D	120 VAC / 47-63Hz	20A	IEC 20 Inlet	Dual Input*	8 x NEMA 5-20R	
	7608AE1624D	230 VAC / 47-63Hz	16A	IEC 20 Inlet	Dual Input*	8 x IEC C13	
	7608AD3012S	120 VAC / 47-63Hz	30A	NEMA L5-30P w/ 10' cord	Single Input	8 x NEMA 5-15R	
	7608AE3024S	230 VAC / 47-63Hz	30A	IEC 309 30 Amp w/ 10' cord	Single Input	8 x IEC C13	Serial, Web, & Telnet
	7608AD2012SN	120 VAC / 47-63Hz	20A	IEC 20 Inlet	Single Input	8 x NEMA 5-20R	
	7608AL2012SN	120 VAC / 47-63Hz	20A	NEMA 5-20P w/ 10' cord	Single Input	8 x NEMA 5-20R	
	7608AE1624SN	230 VAC / 47-63Hz	16A	IEC 20 Inlet	Single Input	8 x IEC C13	
	7608AD2012DN	120 VAC / 47-63Hz	20A	IEC 20 Inlet	Dual Input*	8 x NEMA 5-20R	
	7608AE1624DN	230 VAC / 47-63Hz	16A	IEC 20 Inlet	Dual Input*	8 x IEC C13	
	7608AD3012SN	120 VAC / 47-63Hz	30A	NEMA L5-30P w/ 10' cord	Single Input	8 x NEMA 5-15R	
	7608AE3024SN	230 VAC / 47-63Hz	30A	IEC 309 30 Amp w/ 10' cord	Single Input	8 x IEC C13	
2U	7608AD2024DN-01	230 VAC / 47-63Hz	20A	NEMA L6-20P w/ 10' cord	Dual Input*	4 x L6-15R and 4 x L6-20R	
	7608AD2024DN-02	230 VAC / 47-63Hz	20A	NEMA L6-20P w/ 10' cord	Dual Input*	8 x 6-15R	

(Form factor and all parameters can be modified to suit end application)

*Note each of our designs can be readily reconfigured to meet customer specific use cases

* 1U Dual Input outlets hold 4 outlets per input

Part Number Configuration



Rev: 11/20/14

DC SMARTStart® Power Distribution Series

DC Switched Power Distribution with True Remote Cycling Capability:
Available in -48 or +24/+28 VDC



The API Technologies DC SMARTStart® power distribution unit (PDU) with circuit protection reliably cycles -48 VDC or +24/+28 VDC input power to devices with DC power supplies. The DC Switched PDU uses specialized electronic switchable solid state breakers to provide a true remote power cycling capability. To minimize downtime, the breaker auto reset function can be activated. Then the on-board SMARTStart® computer will pole the tripped channel position to determine whether there is a fault, such as a short circuit. If this condition is determined to be non catastrophic, the breaker is reset. The unit also features integral circuitry to provide LVD and OVD protection automatically.

Using a visual basic interface, an operator can power cycle all 12 solid state breakers as well as the 2 Remote Operated Circuit Breakers (ROCB) mains breakers. (Refer to the Solid State Breaker Ratings table for respective trip currents.) Operators can program the power up/down sequence and power up/down delays for each channel, along with the low voltage disconnect (LVD) and over voltage disconnect (OVD) thresholds. The PDU monitors line voltage, circuit breaker status and internal temperature to provide the required power and circuit protection to connected equipment. Operational control is performed either manually by front panel push buttons or remotely through either an RS-232 serial console port 10/100 BASE-T or LAN TCP/IP socket or telnet session.

There are numerous ROCB values available that provide primary current protection to the PDU and down stream equipment powered by the PDU. The ROCBs are UL listed primary circuit protection for the six outputs on side A and B. The high current, direct feed version provides easy power cycling to -48 VDC powered routers/switches, DSLAMS and other enterprise-related equipment via remote activated circuit breakers rated up to 100 Amps.

The DC SMARTStart® and power monitoring set have been employed together or individually in various applications in many industries.

Features

	-48 VDC or +24/+28 VDC input power; voltage configurable for International use
	User defined power up sequence order and delay & current limiting. Fully programmable sequence & delay on a per channel basis
	Solid state electronic circuit breaker technology; Auto reset to nuisance trip breakers - user configurable
	Monitors line voltage, circuit breaker status, and internal temperature of the PDU, LVD & OVD On board 6 month event log
	LAN TCP/IP socket, Telnet connection or RS-232 serial console port remote control capability SNMP agent on board Flash upgradable in the field
	Front Panel push buttons for local output control. Output status is displayed through individual tri-colored LEDs for each output.
	EMI filtering to protect against noise and interference
	Independent programmable power on and off sequencing delays to reduce/manage the level of inrush current transients

Technical Specifications

Specifications	Distributed Output P/N				Direct A and B P/N		
	7832S30	7832S3024	7832S60	7832S6024	7832RB050	7832RB080	7832RB100
Input Voltage VDC	-48	+24	-48	+24	-48	-48	-48
Input Current	30 Amps	30 Amps	60 Amps	60 Amps	50 Amps	80 Amps	100Amps
Individual Output Steady State Load Max	5 Amps	5 Amps	10 Amps	10 Amps	50 Amps	80 Amps	100Amps
Factory Set Trip Current Nominal	5.9 Amps	5.9 Amps	11.2 Amps	11.2 Amps	60 Amps	100 Amps	120Amps
Input Connection	Non-rotational terminal block 5/8" centers, 1/4-20 threads				Non-rotational terminal block 5/8" centers, 1/4-20 threads		
Output Config.	6 A, 6B	6 A, 6B	6 A, 6B	6 A, 6B	1 A, 1B	1 A, 1B	1 A, 1B

Electrical and Mechanical Specifications

Input Voltage	-48, or +24 VDC
Size (Overall)	17.25"W x 1.75"H x 8.00"D (43.8cm W x 4.44cm H x 20.4cm D)
Weight	13.3 lbs. (6.1 kg)
Operating Temp.	0 - 45°C (32 - 113°F)
Operating Humidity	0 - 95% (non-condensing)
Operating Elevation	0 - 10,000 ft. (0 - 3000 m)

Solid State Breaker Rating				
		Trip Curve		
Steady State Amps	Factory Set Trip Current	Slow (51-110 msec)	Medium (11-50 msec)	Fast (<10 msec)
3	3.45	✓	✓	✓
5	5.75	✓	✓	✓
7.5	8.625	✓	✓	✓
10	11.5	✓	✓	✓
15	17.25	✓	✓	✓
20	23	N/A	N/A	✓

Military Applications

- Unmanned Vehicles
- Command Post Platforms
- Simulators
- Competitive Local Exchange Carriers (CLECs)
- Incumbent Local Exchange Carriers (ILECs)

- XDSL applications, CATV enterprises
- blade servers
- Power several devices including blades, servers, switches, communications equipment

UL listed and NEBS Level 3 certified. Complies to FCC and CE requirements.



Commercial Applications

Rev: 09/17/14

Request for Customer Specific Solution

Company Name	Phone
Contact Name	Title
E-mail	Quantity Required
Target Price	First Unit Required by Date
Unit Brand/Model # of Existing Solution	Project Time Line

Power Input			
Quantity	Plug Type	Input AMPS	Input VOLTS
	5-15P	15	125
	L5-15P	15	125
	5-20P	20	125
	L5-20P	20	125
	6-20P	20	250
	L6-20P	20	250
	L21-20P	20	120/208 WYE
	5-30P	30	125
	L5-30P	30	125
	6-30P	30	250
	L6-30P	30	250
	L15-30P	30	250 Delta
	L21-30P	30	120/208 WYE
	IEC C20 Inlet (No Cord)	20	125 or 250
	IEC C14 Inlet		
	IEC Pin & Sleeve 2 Pole/3Wire	30/32	250/230
	IEC Pin & Sleeve 2 Pole/4 Wire	60/63	250/230
	15' Cord No Plug		
	Term. Block		
	Custom Solution		

Power Outlets			
Quantity	Receptacle Type	Input AMPS	Input VOLTS
	5-15R		
	5-20R		
	6-15R		
	6-20R		
	IEC C13		
	IEC C19		
	Custom Solution		

Physical Configuration			
Dimensional Limits		Mounting Orientation	
	Length		Horizontal
	Width		Vertical
	Height		

Local Current Monitoring		Remote Current Monitoring	
	No		No
	Yes - (Volts, Amps, Watts, Power Factor)		Yes - Circuit Level

Surge Suppression		Circuit Breakers		Remote Switching	
	No		No (Required by NEC in some units)		No
	Yes		Yes		Yes

Agency Testing & Compliance			
	UL® Listed		UR-UL® Recognized
	FCC Part 15 Class A		CE®
	None Required		Other-Please Specify

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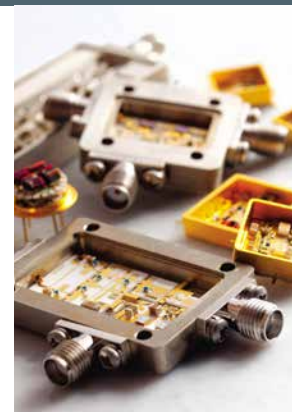


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A leader in high-performance RF/microwave & microelectronic solutions, the company designs, develops and manufactures one of the world's largest selections of RF, microwave and millimeter wave components and systems for use in commercial, defense, and space applications. The company offers both US and Europe-based design and manufacturing options.

Featured Products: Integrated Microwave Assemblies (IMAs), RF Components, Microwave Filters, Frequency Sources, Amplifiers, Low Cost High Volume SMT Amplifiers, Thin Film, and RF Build-to-Print, Microelectronics, 1553 Data Bus, Custom Hybrids, Solid State Power Control, Hybrid-related Manufacturing, Advanced Ceramics, Thin Film



Electromagnetic Integrated Solutions

Trusted components to aid EMC compliance, power storage for high voltage inverters, energy efficiency and power management, including the world's largest selection of EMI filtering components, and EMC Compliance Lab.

Featured Products: Coaxial Filters & Interconnects, Power Filters & Film Capacitors for High Voltage Apps, Magnetics, Specialty Connectors & Cabling



Secure Systems & Information Assurance

Security products and solutions, which address emerging cyber security threats for government, defense and the enterprise. In situations where compromised data could have financial, political and/or life-threatening consequences, information assurance is the highest priority. API offers a variety of security solutions for these sensitive environments.

Featured Products: Encryption Solutions, Secure Applications, Information Assurance, TEMPEST & Emanation Security



Power Solutions

Leading supplier of AC and DC power distribution for military, commercial, and industrial applications. Experienced engineering and design team specialize in military, custom power distribution, box builds, COTS (Commercial off-the-shelf), and OEM/ODM services.

Featured Products: Rack Mount & Non-Rack Power Distribution Units & Power Strips, Three Phase PDUs, Monitored & Sequenced PDUs, Power Supplies, MIL-STD Power Panels



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