



Rackmount PDU Surge Protector

Paperless Datasheet

Going green and protecting environment is manufacturers' responsibility. Each WatchfulEyE product has a link of downloading data sheet on its enclosure:

<http://datasheet.watchfuleyesolutions.com/US121042.html>

Model & Ordering Code

Model	Ordering Code	NEMA 5-15R	IEC320 C13	UPC/EAN Code
WTH-CS/PDU-US	US121042	11	-	(0) 811914032007
WTH-CS/PDU-US-FSG	US121042A	8	-	(0) 811914032014
WTH-CS/PDU-US-FS	US121042B	7	1	(0) 811914032021
WTH-CS/PDU-US-SG	US121042C	10	-	(0) 811914032038
WTH-CS/PDU-US-S	US121042D	9	1	(0) 811914032045

Basic PDU, 11-Outlet



WTH-CS/PDU-US

PDU Surge Protector, 8-Outlet



WTH-CS/PDU-US-FSG



WTH-CS/PDU-US-FS

PDU Surge Protector, 10-Outlet



WTH-CS/PDU-US-SG



WTH-CS/PDU-US-S

Certificates of Products

UL US CE RoHS IEC61643-11

Note: surge protection module UL listed pending



Rackmount PDU Surge Protector

Description

19-inch Rack Power Distribution Unit offers reliable full surge protection modes to protect your facility against surge. The PDU provides real-time reporting of protection status via three indicators.

The modular design allows you to customize plug-in module combination based on your needs, thus can maximize the flexibility in use and be easily maintained. Easy installation from different directions.

WTH-CS/PDU-US Series Technical Data

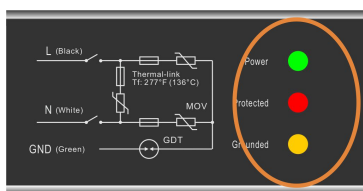
Input Type	NEMA 5-15P
Max Input Amps	15A
Input Cord Length	14AWG x 10ft (3x2.08mm ² x 3.05m)
Output Connection	NEMA 5-15R (or with IEC320 C13 x1)
Nominal operating voltage (Un)	125VAC 50/60Hz
Max. continuous operating voltage (MCOV)	150VAC
Nominal Discharge Current (In)	5kA
Max. Discharge Current (Imax)	10kA
Open circuit voltage (Uoc)	15KV
Voltage protection level (Up)	1.0kV
Surge Protection Modes	L-PE, N-PE, L-N
Protective Element	MOV+GDT
Response Time (tA)	<5ns
Leakage Current (at 75%U1mA)	<20μA
Thermal Protection	Rated Functioning Temp. (Tf) 277°F (136°C)
Short Circuit Current Ratings (SCCR)	20kA rms
Surge Protection Back-up Fuse	15A gL
Surge Life at 3kA (8/20μs)	>5000 events
Temperature Range	- 40° to 176°F (-40° to 80°C)
Relative Humidity	0% to 95% noncondensing
Maximum Operating Altitude	10,000 feet (3000m)
Material of Construction	Black oxidized aluminum alloy
Housing Design	19-inch Rack
Net Weight Per Unit	4Lb (1.8kg)



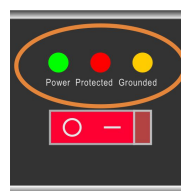
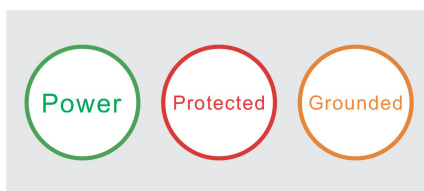
Rackmount PDU Surge Protector

Surge Protection Module

Superior surge protection features, Surge Protection Modules provide reliable surge protection in full protection modes with three indicators for real-time display to protect your equipment and facility from surges and damages.



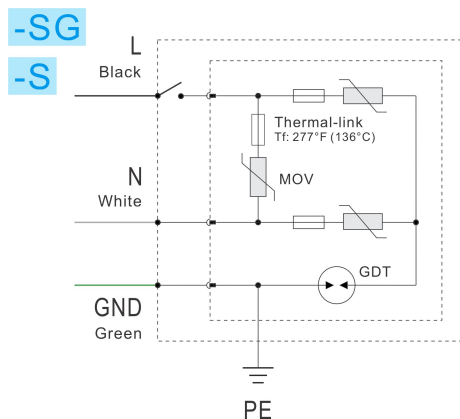
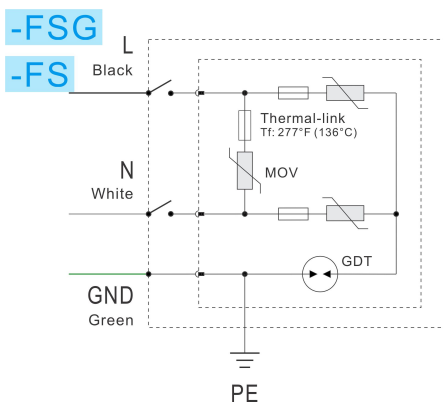
(-FSG, -FS)



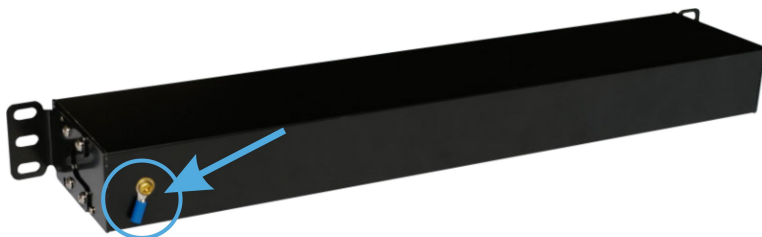
(-SG, -S)

- Power** Green LED power indication: surge protection module is working
- Protected** Red LED surge protection indication: protected: on; failure: off
- Grounded** Orange LED grounded indication: grounded: on; failure: off

Surge Protection Connection Diagram



Independent Grounding Lug

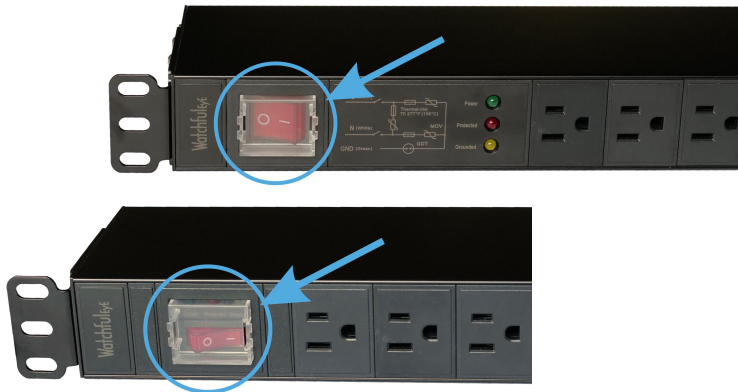




Rackmount PDU Surge Protector

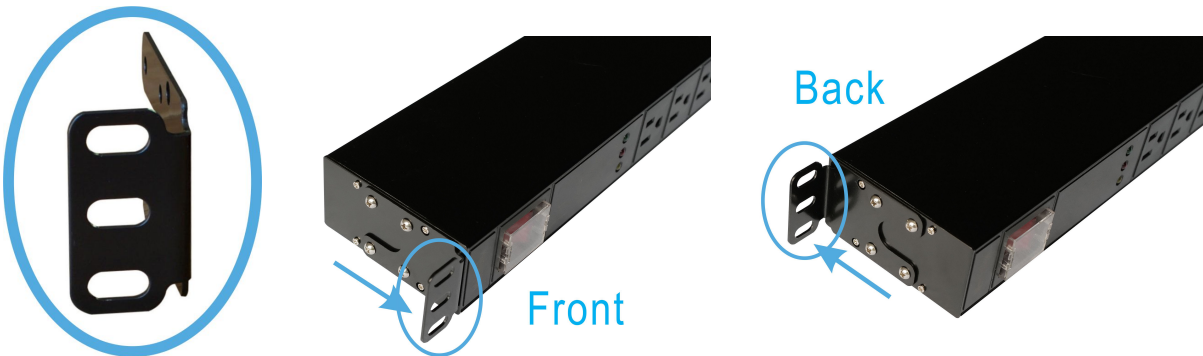
Circuit Breaker

The power switch is designed to concave to the surface to prevent the cable from accidentally disconnected. The power switch protection cover provides enhanced security. (Note: WTH-CS/PDU-US, WTH-CS/WTH-CS/PDU-US-FSG coming soon)



Mounting Ears

Detachable mounting ears, reversible ears faces front or back in PDU





Rackmount PDU Surge Protector

Input Power Cord

Input Type: NEMA 5-15P

Max Input Amps: 15A

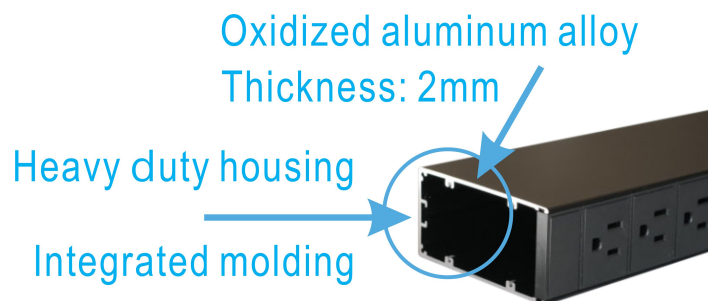
Input Cord Length: 14AWG x 10ft (3x2.08mm² x 3.05m)



Rack Mount Screw Kit



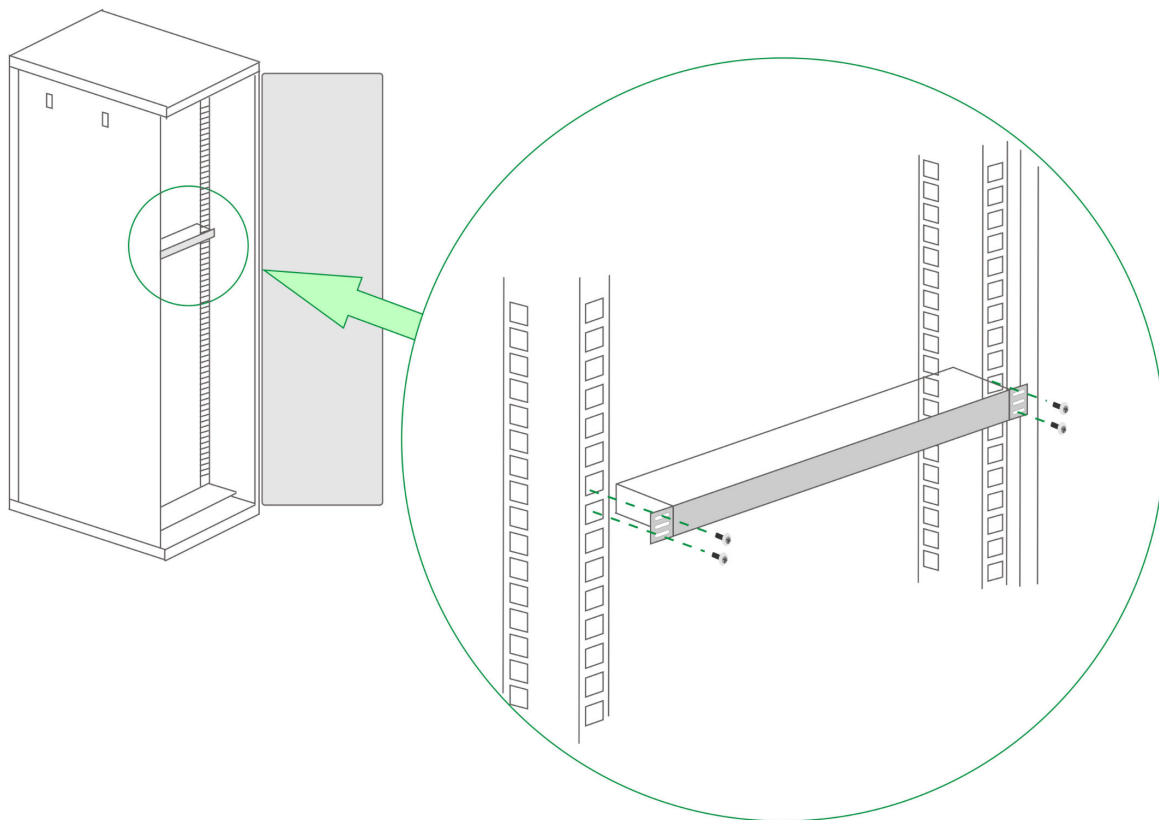
Heavy Duty Housing





Rackmount PDU Surge Protector

19-inch Rack Mounted



Installation Instruction

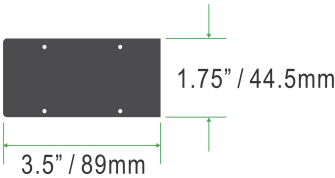
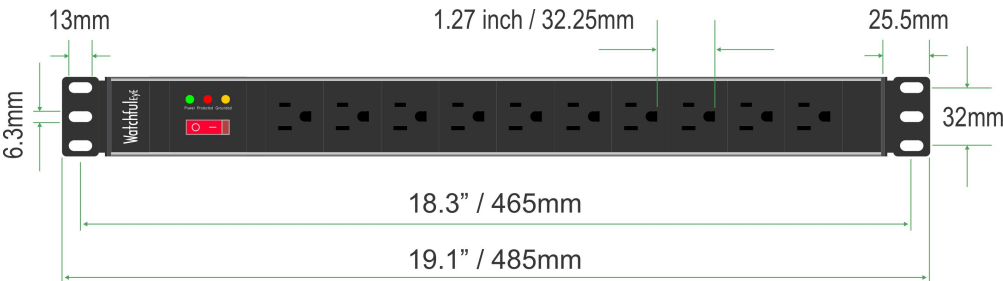
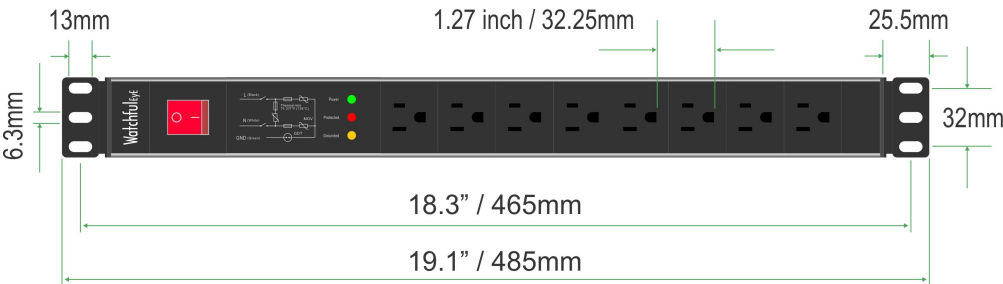
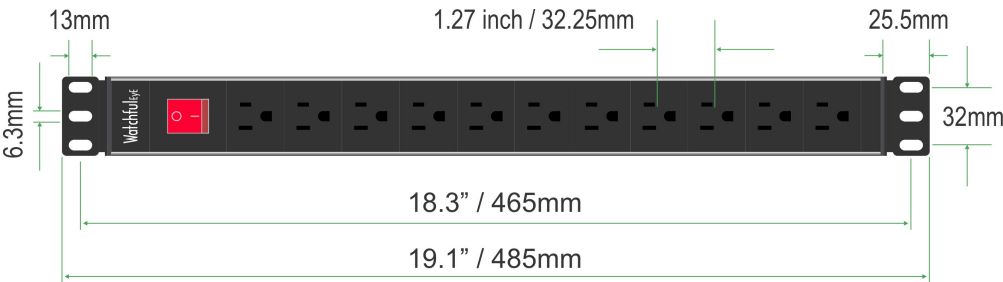
The PDU surge protectors shall be employed in a Listed enclosure or closet that is only accessible to technicians or service personnels.



Rackmount PDU Surge Protector

Dimension

Perfect structural design, 19 inch Rack mount, height: 1U (1.75 inch / 44.5mm), depth: 3.5 inch / 89mm

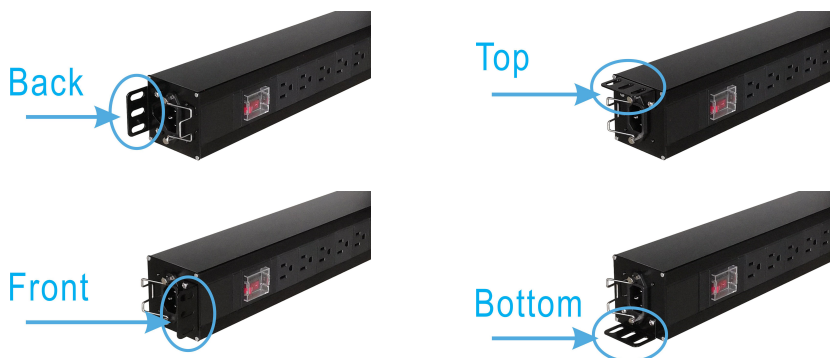




Rackmount PDU Surge Protector

Customize your PDU

1. Is there a type of PDU with mounting ears which can be rotated for front, back, top or bottom mount?
The mounting ears for 1.5U PDU can be rotated for four direction mount.



2. Is there a type of PDU with C14 input?
Yes, 1.5U PDU has two options of input methods: IEC C14 or a power cord.



3. How can I customize other products of 19" rack?
In addition to 19-inch Rack Power Distribution Unit (PDU), there is 19-inch Rack Ethernet Surge Protector. Modular design allows you to customize the plug-in modules to fit your needs, 19-inch standard dimension or other custom-sized dimensions maximize the ease of use and maintenance.



Click the blue button "Customize your PDU" to start

[Customize your PDU](#)



Rackmount PDU Surge Protector

FAQ & Help

1. What should I do if I can't find the paper manual in the product packaging?

Watchful Eye products is committed to going green with paperless data sheets. On the rear side of each product enclosure is an engraved link with URL for downloading paperless data sheet and QR code of the website. If you need the paper data sheet, you can open the link and print the data sheet by yourself.



2. Is there an overall view of the PDU?

The following is a photo of PDU (WTH-CS/PDU-US-S).





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Download WatchfulEye Official App

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After-sale Services

Watchful Eye provides a 5-year quality warranty globally.

[I have a question](#)