

RACKMOUNT PDUS

WHAT they are and WHY they're IMPORTANT

The RUNDOWN

Intellinet Single Phase Power Distribution Unit

- Mounts securely in a 10" or 19" Rack, Cabinet or Wallmount
- Provides reliable, in-rack power distribution with multiple outlets
- Offered in horizontal and vertical orientation
- Available in 1U, 1.5U and 2U sizes
- Contains as few as four to as many as 15 outlets

The BASICS

What is a Power Distribution Unit (PDU)?

A PDU is similar to a power strip you'd use at home to supply electricity to multiple devices from a single wall outlet. However, a professional-grade PDU is normally set up on a rack or in a cabinet of an IT room, and it provides the necessary power to equipment that draws higher electricity like servers, switches, routers and more.

Why are PDUs necessary?

As space in an IT room is usually limited, power-hungry equipment that uses multiple power supplies is often packed tightly into rack enclosures. Because of this, more available power in a central location is needed to keep things running smoothly. For example, a blade server installation consisting of four 7U blade-server frames in a 42U rack would require 16 20A power supplies to work normally. PDUs solve this problem by taking the power supplied to the rack and distributing it to the rack's equipment via multiple outlets.

Power Protection OPTIONS

• *Overload Protection*

Prevents devices from drawing more power than they should, which "overloads" the PDU

• *Surge Protection*

Protects equipment against power spikes that come from the mains power supply

• *Air Switch Protection*

The best choice for protecting equipment against surges or overloads, this option uses air to break the circuit and stop the flow of electricity. Air is used as the insulation medium between the open contacts (an air break switch). "Single" means the circuit opens in one place; "double" means the circuit opens in two places.

• *No Protection*

Offentimes, many server or network rooms are already protected via an Uninterrupted Power Supply (UPS) or other equipment, so additional protection on the PDU can be a waste of space in the unit. Therefore, we can use that space on some models to create a smaller power footprint or add more power outlets.

For our full product selection, visit: intellinetnetwork.com



10" 1U Rackmount 4-Way Power Strip - German Type

- Power input style: left-end single input
- 714020 With Power Indicator, No Surge Protection, 1.8 m Power Cord



19" 1.5U Rackmount 6-Way Power Strip - German Type

- Bracket installation style: frontal
- 713962 With On/Off Switch and Surge Protection, 3 m Power Cord



19" 1.5U Rackmount 6-Way Power Strip - German Type

- Bracket installation style: frontal
- 711432 Power Protection via Double Air Switch, 1.6 m Power Cord



19" 1.5U Rackmount 7-Way Power Strip - German Type

- Bracket installation style: frontal
- 714006 With Surge Protection, 3 m Power Cord



19" 1.5U Rackmount 8-Way Power Strip - German Type

- Bracket installation style: frontal
- 207157 With On/Off Switch, No Surge Protection; 3 m Power Cord



19" 1.5U Rackmount 8-Way Power Strip - German Type

- Power input style: left-end single input
- 714037 With LED Indicator Only, No Surge Protection, 1.6 m Power Cord



19" 1U Rackmount 8-Way Power Strip - German Type

- Power input style: left-end single input
- 713986 With On/Off Switch and Overload Protection, 3 m Power Cord



Vertical Rackmount 12-Way Power Strip - German Type

- Power input style: left-end single input
- 714044 With On/Off Switch and Overload Protection, 1.6 m Power Cord



Vertical Rackmount 12-Way Power Strip - German Type

- Bracket installation style: Rear
- 711449 Power Protection via Air Switch, 1.6 m Power Cord



19" 2U Rackmount 15-Way Power Strip - German Type

- Power input style: left-end single input
- 714051 Power Protection via Double Air Switch, 3 m Power Cord