

APC EPDU1010B-SCH POWER DISTRIBUTION UNIT



APC EPDU1010B-SCH Power Distribution Unit User Guide

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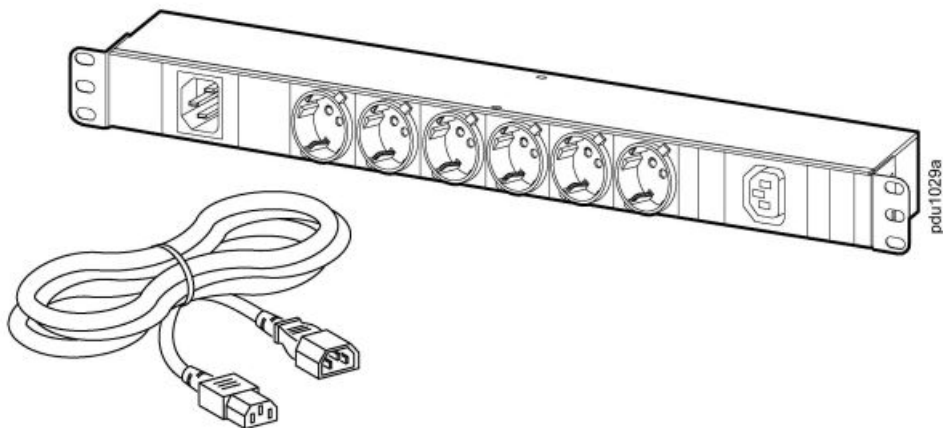


APC EPDU1010B-SCH Power Distribution Unit



Easy PDU Basic Rack Power Distribution Unit

Installation



EPDU1010B-SCH

Worldwide Customer Support

Customer support for this product is available at www.apc.com © 2020 APC by Schneider Electric. All rights reserved.

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Overview

This sheet provides installation information for your Easy Rack PDU. Read the instructions carefully.

- **Receiving**

Inspect the package and contents for shipping damage. Make sure all parts were sent. Immediately report any shipping damage to the shipping agent. Report missing contents, product damage, or other problems with the product to APC by Schneider Electric or your APC by Schneider Electric reseller.

- **Material recycling**

The shipping materials are recyclable. Please save them for later use, or dispose of them properly.

Safety

Read the following information before installing or operating your APC by Schneider Electric Rack Power Distribution Unit (PDU).

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- The Rack PDU is intended to be installed and operated by a skilled person in a controlled location.
- Do not operate the Rack PDU with the covers removed.
- This Rack PDU is intended for indoor use only.
- Do not install this Rack PDU where excessive moisture or heat is present.
- Never install any wiring, equipment, or Rack PDUs during a lightning storm.
- Plug this Rack PDU into a grounded power outlet only. The power outlet must be connected to appropriate branch circuit/mains protection (fuse or circuit breaker). Connection to any other type of power outlet may result in a shock hazard.
- Do not use extension cords or adapters with this Rack PDU.
- If a socket-outlet is not accessible to the equipment, a socket-outlet shall be installed.
- Do not work alone under hazardous conditions.
- Check that the power cord, plug, and socket are in good condition.
- Disconnect the Rack PDU from the power outlet before you install or connect equipment to reduce the risk of electric shock when you cannot verify grounding. Reconnect the Rack PDU to the power outlet only after you make all connections.
- Do not handle any kind of metallic connector before the power has been removed.
- Use one hand, whenever possible, to connect or disconnect signal cables to avoid a possible shock from touching two surfaces with different grounds.
- This unit does not have any user-serviceable parts. Repairs are to be performed only by factory-trained service personnel.

Failure to follow these instructions will result in death or serious injury.

WARNING

FIRE HAZARD

- This equipment should be connected to a single-outlet dedicated circuit protected by a circuit breaker or fuse with the same current rating as the Rack PDU.

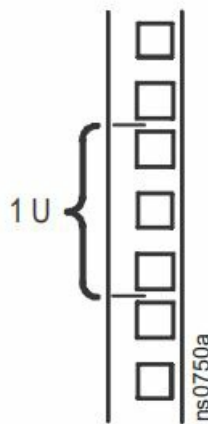
- The plug or inlet serves as the disconnect for the Rack PDU. Make sure the utility power outlet for the Rack PDU will be close to the Rack PDU and readily accessible.
- Some models of Rack PDUs are provided with IEC C14 or C20 inlets. Use of the proper power cord is the user's responsibility.

Failure to follow these instructions can result in death or serious injury.

Installation

Mount the Rack PDU in a 19-inch NetShelter™ rack or other EIA-310-D standard 19-inch rack.

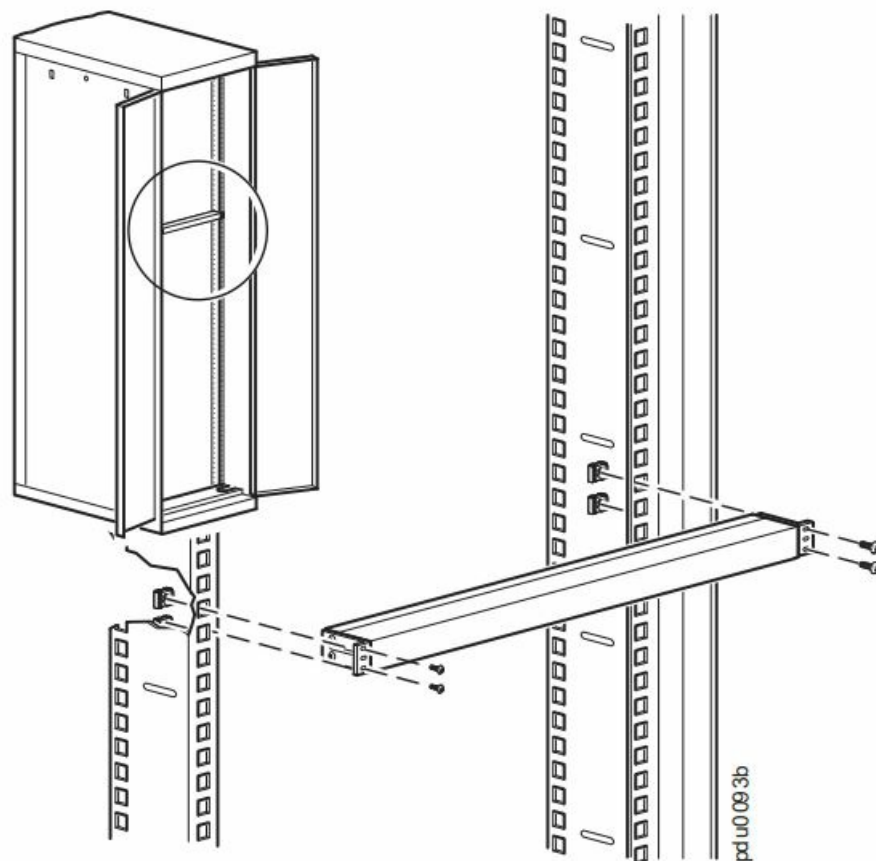
1. Choose a mounting position for the Rack PDU with either the front or the rear of the unit facing out of the rack. Your Rack PDU will occupy one (1) U-space.



- **NOTE:** A notched hole on the NetShelter rack's vertical rail indicates the middle of a U space.
- **NOTE:** Install the cage nuts properly.
- See the illustration for proper cage nut orientation.



2. Mount the unit in the NetShelter rack or EIA-310-D standard 19-inch rack with the provided hardware, four (4) M6 x 16 mm screws and four (4) cage nuts.



Specifications

EPDU1010B-SCH	
Electrical	
Nominal Input Voltage	200 – 240 VAC 1 PHASE
Maximum Input Current (Phase)	10A
Input Frequency	50/60Hz
Input Connection	IEC 320 C14 (10A)
Output Voltage	200 – 240 VAC
Maximum Output Current (Outlet)	10A SCHUKO, 10A C13
Maximum Output Current (Phase)	10A
Output Connections	SCHUKO (6) IEC320 C13 (1)
Physical	
Dimensions (H x W x D)	44.4 x 482 x 44.4 mm (1.75 x 19 x 1.75 in)
Input power cord length	2.5 m (8.2 ft)

Shipping dimensions (H x W x D)	150 x 560 x 80 mm (3.8 x 22.8 x 3.15 in)
Weight/Shipping weight	0.6 kg (1.32 lb)/ 1.1 kg (2.43 lb)
Environmental	
Maximum elevation (above MSL) Operating/ Storage	0– 3000 m (0–10,000 ft) / 0–15000 m (0–50,000 ft)
Temperature: Operating/Storage	–5 to 45°C (23 to 113°F)/ –25 to 65°C (–13 to 149°F)
Humidity: Operating/Storage	5–95% RH, non-condensing
Compliance	
EMC verification	CE EN55035, EN55032, EN55024
Safety verification	CE, IEC62368-1
CE EU Contact Address	Schneider Electric, 35 rue Joseph Monier 92500 Rueil Malmaison France
Environmental	RoHS & Reach

Life Support Policy

General policy

APC by Schneider Electric does not recommend the use of any of its products in the following situations:

- In life-support applications where failure or malfunction of the APC by Schneider Electric product can be reasonably expected to cause failure of the life-support device or to affect significantly its safety or effectiveness.
- In direct patient care.

APC by Schneider Electric will not knowingly sell its products for use in such applications unless it receives in writing assurances satisfactory to APC by Schneider Electric that (a) the risks of injury or damage have been minimized, (b) the customer assumes all such risks, and (c) the liability of APC by Schneider Electric is adequately protected under the circumstances.

Examples of life-support devices

The term life-support device includes but is not limited to neonatal oxygen analyzers, nerve stimulators (whether used for anesthesia, pain relief, or other purposes), autotransfusion devices, blood pumps, defibrillators, arrhythmia detectors and alarms, pacemakers, hemodialysis systems, peritoneal dialysis systems, neonatal ventilator incubators, ventilators (for adults and infants), anesthesia ventilators, infusion pumps, and any other devices designated as “critical” by the U.S. FDA.

Hospital-grade wiring devices and leakage current protection may be ordered as options on many APC by Schneider Electric UPS systems. APC by Schneider Electric does not claim that units with these modifications are certified or listed as hospital-grade APC by Schneider Electric or any other organization. Therefore these units do not meet the requirements for use in direct patient care.

Radio frequency interference

- Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

1-Year Factory Warranty

This warranty applies only to the products you purchase for your use by this manual.

• Terms of warranty

- APC by Schneider Electric warrants its products to be free from defects in materials and workmanship for one year from the date of purchase.
- APC by Schneider Electric will repair or replace defective products covered by this warranty.
- This warranty does not apply to equipment that has been damaged by accident, negligence, or misapplication or has been altered or modified in any way.
- Repair or replacement of a defective product or part thereof does not extend the original warranty period. Any parts furnished under this warranty may be new or factory-remanufactured.

• Non-transferable warranty

This warranty extends only to the original purchaser who must have properly registered the product. The product may be registered at the APC by Schneider Electric's website, www.apc.com.

• Exclusions

APC by Schneider Electric shall not be liable under the warranty if its testing and examination disclose that the alleged defect in the product does not exist or was caused by the end user's or any third person's misuse, negligence, improper installation or testing. Further, APC by Schneider Electric shall not be liable under the warranty for unauthorized attempts to repair or modify wrong or inadequate electrical voltage or connection, inappropriate on-site operation conditions, corrosive atmosphere, repair, installation, exposure to the elements, Acts of God, fire, theft, or installation contrary to APC by Schneider Electric recommendations or specifications or in any event if the APC by Schneider Electric serial number has been altered, defaced, or removed, or any other cause beyond the range of the intended use.

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Warranty claims

Customers with warranty claims issues may access the APC by Schneider Electric customer support network through the Support page of the APC by Schneider Electric website, www.apc.com/support. Select your country from the country selection pull-down menu at the top of the Web page. Select the Support tab to obtain contact information for customer support in your region.

Frequently Asked Questions

What is the purpose of the APC EPDU1010B-SCH Power Distribution Unit?

The APC EPDU1010B-SCH is designed to distribute electrical power to various devices and equipment in a controlled manner. It ensures that connected devices receive a stable power supply within the specified voltage and current limits.

What is the input voltage range for APC EPDU1010B-SCH PDU?

The input voltage range for the APC EPDU1010B-SCH is 200-240V.

How many output sockets does it have, and what types of sockets are they?

APC EPDU1010B-SCH PDU features 6 Schuko CEE 7 10A outlets and 1 IEC 320 C13 10A outlet, providing a variety of socket options to accommodate different types of equipment.

Is APC EPDU1010B-SCH PDU suitable for rack-mounted installation?

Yes, the APC EPDU1010B-SCH is designed for rack-mounted installation. It can be mounted in a 19-inch NetShelter™ rack or other EIA-310-D standard 19-inch rack.

What is the maximum load capacity of APC EPDU1010B-SCH PDU?

The PDU has a load capacity of 2300 VA.

What is the cable length provided with the PDU?

The PDU comes with a 2.5-meter (8.2 ft) input power cord.

Is APC EPDU1010B-SCH PDU suitable for indoor use only?

Yes, the APC EPDU1010B-SCH is intended for indoor use.

Does APC EPDU1010B-SCH PDU come with any warranties?

Yes, it comes with a 1-year repair or replace warranty. APC EPDU1010B-SCH warranty covers defects in materials and workmanship.

Is the packaging material recyclable?

Yes, the shipping materials are recyclable. Please save them for later use or dispose of them properly.

What environmental conditions is APC EPDU1010B-SCH PDU suitable for?

The PDU can operate within a temperature range of -5°C to 45°C and an altitude range of 0-3000 meters (0-10,000 ft).

Is the APC EPDU1010B-SCH compliant with environmental regulations?

Yes, it complies with RoHS and Reach regulations, reflecting its commitment to environmental responsibility.

Can I use APC EPDU1010B-SCH PDU in life-support applications or direct patient care?

No, APC by Schneider Electric does not recommend the use of its products in life-support applications or direct patient care unless specific safety requirements are met.

Reference: [APC EPDU1010B-SCH Power Distribution Unit User Guide-device.report](#)

References

- [User Manual](#)