



RackPower PDU: Quick Start Installation Guide

English

For more information about RackPower products, complete installation and warranty information, please refer the RackPower Series User Guide or visit <https://schroff.nvent.com/en-de/solutions/schroff/applications/iPDU>

Unpacking the RackPower PDU

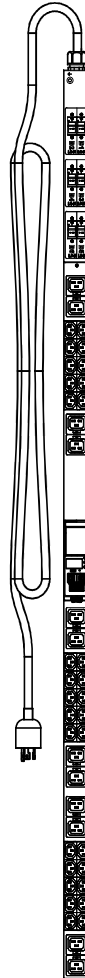
Unpackage the RackPower PDU and ensure that nothing is missing or damaged. If something appears to be missing or damaged, contact nVent at <https://schroff.nvent.com/en-us/solutions/schroff/applications/sales-and-distributor-locations>

The following is included:

- RackPower Series PDU
- Quick Start Guide
- Safety Information Sheet

Before You Begin

1. Prepare the installation site: make sure it is not exposed to extreme temperature or humidity. Allow space around the RackPower PDU for cabling and outlet connections. Refer the RackPower Series User Manual for a full installation, operating and safety instructions.
2. Register your product online at <https://schroff.nvent.com/en-de/solutions/schroff/applications/iPDU>



Mounting

Mounting the PDU in the Server Cabinet without Mounting Brackets

The RackPower Series PDU comes with tool-less mounting pegs for ease and convenience.

1. Determine where the RackPower Series PDU will be mounted inside the server cabinet.
2. Insert the PDU mounting pegs into the mounting holes of the server cabinet.
Note: The distance between mounting pegs varies depending on PDU models. Full length PDU is 1555mm, mid length is 1244mm and half length is 622mm.
3. Pull the power cord through the cabinet and proceed to connecting a power source.

Mounting the PDU in the Server Cabinet with Mounting Brackets

1. Determine where the RackPower Series PDU will be mounted inside the server cabinet. Hang the mounting brackets in the server cabinet using the mounting bracket hooks.
2. Attach the enclosed mounting brackets to the server cabinet using the screws provided.
3. Insert the PDU mounting pegs into the mounting holes of the server cabinet.
Note: The distance between mounting pegs varies depending on PDU models. Full length PDU is 1555mm, mid length is 1244mm and half length is 622mm.
4. Pull the power cord through the cabinet and proceed to connecting a power source.

Connecting to a Power Source

When connecting the RackPower PDU to a Power Source, make sure that there is enough cord length in the PDU power cord to reach the PDU power source.

1. Turn the feed circuit breaker off. Make sure that all circuit breakers on the RackPower PDU are set to ON.
2. Connect each RackPower PDU device to a branch circuit with an appropriate rating.
Note: Refer to the label on the PDU for acceptable input ratings.

3. Turn the feed circuit breaker on. The OLED screen will display a loading status screen when the PDU is loading. When complete, the Main Menu will display on the OLED.
Note: If the PDU is a switched PDU, the lights corresponding to each outlet will consecutively turn on to indicate power before displaying a steady color.

Connecting to a Network

The RackPower PDU is DHCP compatible.

1. Connect a standard Ethernet patch cable to the Ethernet port on the RackPower Series PDU.
2. Connect the other end of the Ethernet cable to your LAN.
3. Make sure the Ethernet port on the PDU shows a solid green light on the left and a flashing yellow light on the right to indicate successful connectivity to the network.
4. Look up the IP address on the OLED Display, using the menu buttons to go to:
Setup>Network>IPv4 or IPv6, as applicable.
5. In a standard web browser, enter the PDU IP address and proceed to configure the PDU.
*Note: The default username is **admin**. The default password is **12345678**.*

Accessing a RackPower PDU Using a Static IP Address

1. Connect a standard Ethernet cable to the Ethernet port on the RackPower Series PDU and the other end of the Ethernet cable directly to your laptop/PC.
Note: A cross over cable is not required.
2. When the PDU completes a live connection, the Ethernet port on the PDU shows a solid green light on the left and a flashing yellow light on the right to indicate successful connectivity.
3. When connected, and with no DHCP service found, the PDU will revert to a static IP address of 192.168.0.1
4. Assign your laptop/PC's Ethernet port an IP address in the 192.168.0.2-254 range.
Note: Do not assign 192.168.0.1 to your laptop/PC.
5. In a standard web browser, enter the URL 'http://192.168.0.1' and configure the PDU, or access the CLI using SSH at 192.168.0.1:22
*Note: The default username is **admin**. The default password is **12345678**.*
Configuring the PDU with a static IP address overrides the default IP address.

Daisy-Chain Network Communications

To connect up to 64 PDUs of the same SKU through a single IP address:

1. Configure the PDU that will be first in line on the 10/100/1000 daisy-chain.
2. When the initial PDU is configured, connect an Ethernet cord from the 10/100 port on the configured PDU to the 10/100/1000 port on the next PDU in the daisy-chain line.
3. Repeat step 2, connecting PDUs from the 10/100 port to the 10/100/1000 port for up to 64 PDUs.

Note: Length of the Ethernet cords connectiting the PDUs must be less than 6m (20 feet).