

Next Generation Rack Power Distribution Unit Installation

3rd Party Racks and Enclosures

Applicable to: *World Wide*

Installation and Configuration in a APC by Schneider Electric NetShelter™ SX Enclosure

□ Mounting the Rack PDU in a vertical 0 U accessory channel of a NetShelter SX enclosure

In one vertical 0 U accessory channel of a 42U enclosure, you can mount two full-length Rack PDUs or four half-length Rack PDUs.

□ Mounting the Rack PDU on the vertical rails of a standard EIA-310 enclosure

Secure brackets to the back of the rear vertical rails using hardware included with your enclosure. Required U-space for brackets:

- Full-length Rack PDU: 36 U
- Half-length Rack PDU: 15 U

Reference documentation:

Next Generation Rack PDU Installation Instructions 990-3432
Basic Rack PDU Installation Manual 990-1902A
Metered Rack PDU Installation Manual 990-1903B
Switched Rack PDU Installation Manual 990-1486B

Mounting the Rack PDU in a third-party enclosure

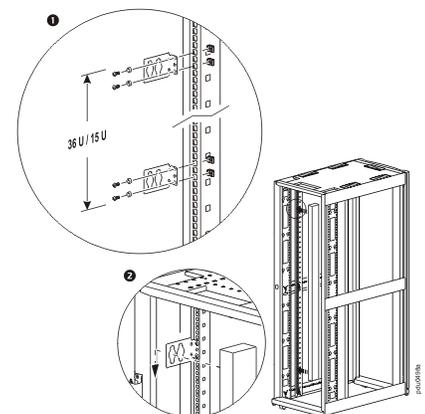
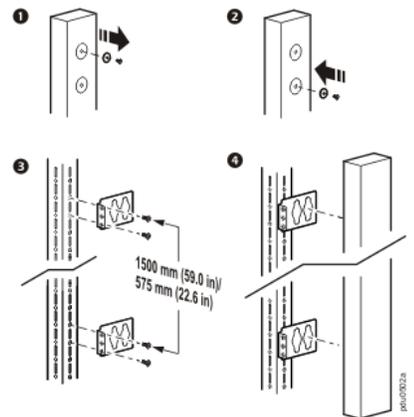
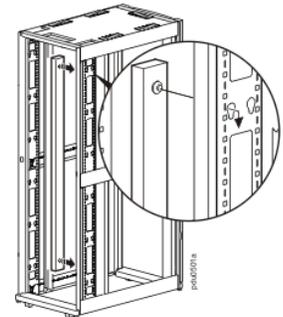
Warning: To avoid possible electrical shock and equipment damage, **use only the supplied hardware.**

Bracket spacing:

- Full-length Rack PDU: 1500 mm (59.0 in)
- Half-length Rack PDU: 575 mm (22.6 in)

Additional parts may be required:

- **AR7711** – NetShelter 0U Accessory Mounting Bracket (not provided with Rack PDU)
- **AR8621** – Toolless Hook and Loop Cable Managers



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3rd Party Racks and Enclosures

Applicable to: *World Wide*

Enclosure manufacturer: Wrightline Paramont

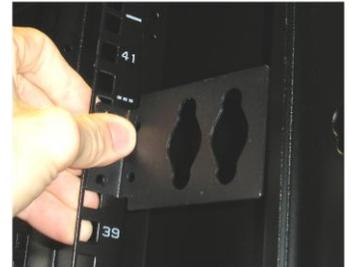
Description: 44 U Enclosure

Mounting options:

- Vertical mounting rails – universal mounting brackets (provided with Rack PDU) or vertical 0U accessory mounting bracket (AR7711)

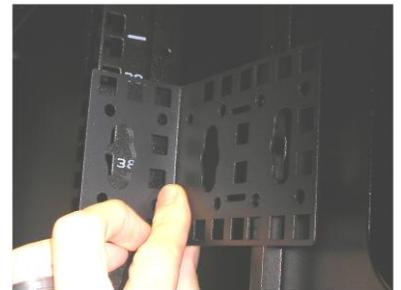
Universal Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
 - a. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
2. Install 2 cage nuts in the u-space at each bracket location.
3. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
4. Attach the Rack PDU using the pre-installed toolless mounting pegs.



NetShelter 0U Accessory Mounting Bracket (AR7711) Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
 - a. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
2. Install 2 cage nuts in the u-space at each bracket location.
3. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
4. Attach the Rack PDU using the pre-installed toolless mounting pegs.



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Next Generation Rack Power Distribution Unit Installation

3rd Party Racks and Enclosures

Applicable to: *World Wide*

Enclosure manufacturer: Knurr Miracel

Part Number: 010200036

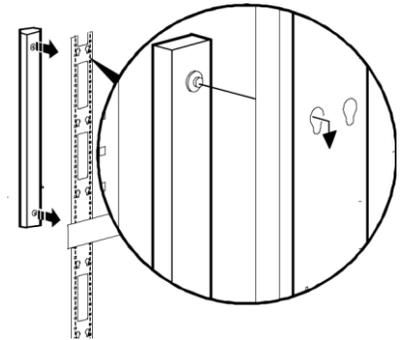
Description: 42U 600 mm W x 1070 mm D

Mounting options:

- Toolless Mount – Half height Rack PDUs only (AP8858 and AP8958)
- Vertical mounting rails – universal mounting brackets (provided with Rack PDU) or vertical 0U accessory mounting bracket (AR7711)

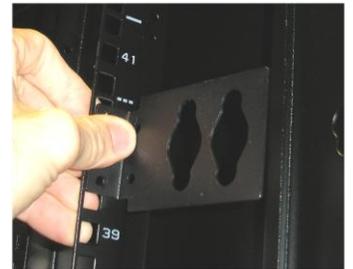
Toolless Mount Installation

Align the toolless mounting pegs of the Rack PDU with the mounting holes of the rear channel.



Universal Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
2. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
3. Install 2 cage nuts in the u-space at each bracket location.
4. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
5. Attach the Rack PDU using the pre-installed toolless mounting pegs.



NetShelter 0U Accessory Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
 - a. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
2. Install 2 cage nuts in the u-space at each bracket location.
3. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
4. Attach the Rack PDU using the pre-installed toolless mounting pegs.



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3rd Party Racks and Enclosures

Applicable to: *World Wide*

Enclosure manufacturer: IBM Netbay Enterprise

Part Number: 41V0087

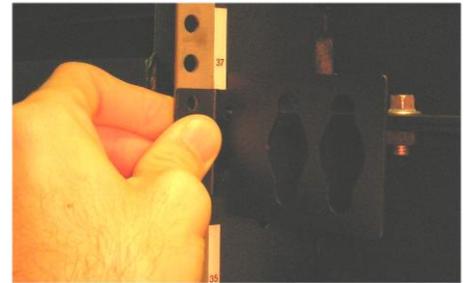
Description: 42U

Mounting options:

- Vertical mounting rails – universal mounting brackets (provided with Rack PDU) or vertical 0U accessory mounting bracket (AR7711)
- Other – Hook-and-loop straps (AR8621) or plastic zip ties for Rack PDUs 72" in length

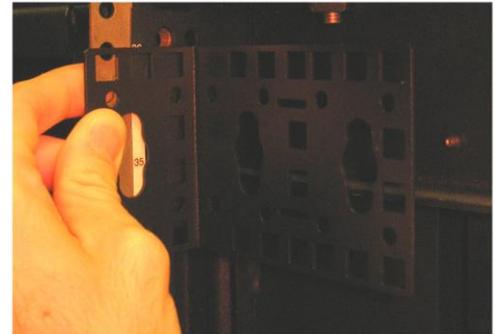
Universal Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
2. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
3. Install 2 cage nuts in the u-space at each bracket location.
4. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
5. Attach the Rack PDU using the pre-installed toolless mounting pegs.



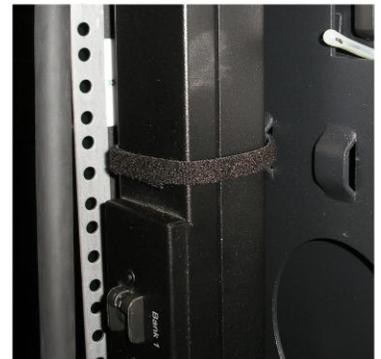
NetShelter 0U Accessory Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
 - a. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
2. Install 2 cage nuts in the u-space at each bracket location.
3. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
4. Attach the Rack PDU using the pre-installed toolless mounting pegs.



Hook-and-loop fastening Installation:

Use the hook-and-loop fasteners provided with AR8621 to secure the Rack PDU in the rear channel of the enclosure.



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3rd Party Racks and Enclosures

Applicable to: *World Wide*

Enclosure manufacturer: Dell 7907422

Part Number: Dell 4220

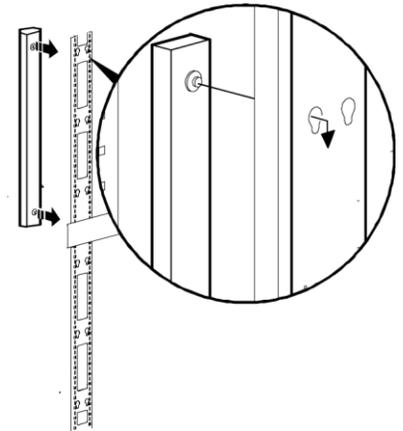
Description: 42U

Mounting options:

1. Toolless Mount – Any height APC Rack PDU
2. Vertical mounting rails – universal mounting brackets (provided with Rack PDU) or vertical 0U accessory mounting bracket (AR7711)

Toolless Mount Installation

Align the toolless mounting pegs of the Rack PDU with the mounting holes of the rear channel.



Universal Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
2. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
3. Install 2 cage nuts in the u-space at each bracket location.
4. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
5. Attach the Rack PDU using the pre-installed toolless mounting pegs.



NetShelter 0U Accessory Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
 - a. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
2. Install 2 cage nuts in the u-space at each bracket location.
3. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
4. Attach the Rack PDU using the pre-installed toolless mounting pegs.



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3rd Party Racks and Enclosures

Applicable to: *World Wide*

Enclosure manufacturer: Rittal and HP 4113331-001 10642 G2

Part Number: n/a

Description: Rittal and HP have a similar enclosure frame design.

Mounting options:

- Vertical mounting rails– universal mounting brackets (provided with Rack PDU) or vertical 0U accessory mounting bracket (AR7711)
- Enclosure frame posts

Universal Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
2. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
3. Install 2 cage nuts in the u-space at each bracket location.
4. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
5. Attach the Rack PDU using the pre-installed toolless mounting pegs.



NetShelter 0U Accessory Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
 - a. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
2. Install 2 cage nuts in the u-space at each bracket location.
3. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
4. Attach the Rack PDU using the pre-installed toolless mounting pegs.



Enclosure frame posts

Attach the brackets to the enclosure frame with the provided hardware. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.



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3rd Party Racks and Enclosures

Applicable to: *World Wide*

Enclosure manufacturer: Panduit

Description: CN1 Networking Enclosure

Mounting options:

- Vertical mounting rails– universal mounting brackets (provided with Rack PDU) or vertical 0U accessory channel (AR7711)

Universal Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
2. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
3. Install 2 cage nuts in the u-space at each bracket location.
4. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
5. Attach the Rack PDU using the pre-installed toolless mounting pegs.



NetShelter 0U Accessory Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
 - a. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
2. Install 2 cage nuts in the u-space at each bracket location.
3. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
4. Attach the Rack PDU using the pre-installed toolless mounting pegs.



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3rd Party Racks and Enclosures

Applicable to: *World Wide*

Enclosure manufacturer: Chatsworth

Part Number: FC1U-11A-C32

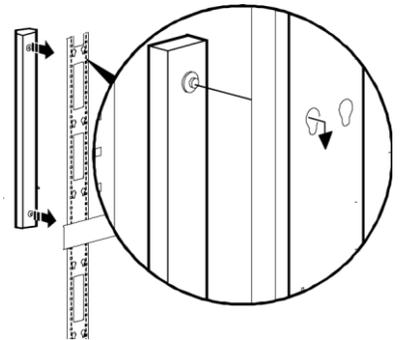
Description: 42 U

Mounting options:

- Toolless Mount - Half-height only. Full-height Rack PDUs cannot be installed in the toolless channel as the bolts securing the toolless channel to the enclosure frame interfere with the Rack PDU and prohibit the mounting pegs of the Rack PDU from proper insertion into the mounting holes of the channel.
- Vertical mounting rails– universal mounting brackets (provided with Rack PDU) or vertical 0U accessory channel (AR7711)

Toolless Mount Installation

Align the toolless mounting pegs of the Rack PDU with the mounting holes of the rear channel (half-height rack PDU only).



Universal Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
2. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
3. Install 2 cage nuts in the u-space at each bracket location.
4. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
5. Attach the Rack PDU using the pre-installed toolless mounting pegs.



NetShelter 0U Accessory Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
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3. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
4. Attach the Rack PDU using the pre-installed toolless mounting pegs.



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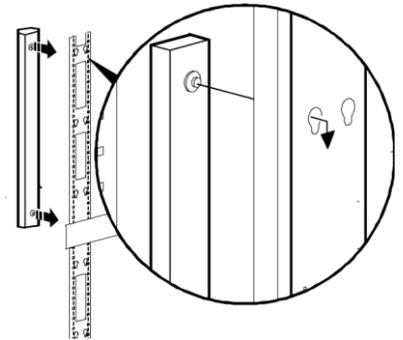
Enclosure manufacturer: Tripplite

Mounting options:

- Toolless Mount – One Rack PDU per rear channel. The rear channel is not wide enough for two Rack PDUs.
- Vertical mounting rails– universal mounting brackets (provided with Rack PDU) or vertical 0U accessory channel (AR7711)

Toolless Mount Installation

Align the toolless mounting pegs of the Rack PDU with the mounting holes of the rear channel.



Universal Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
2. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
3. Install 2 cage nuts in the u-space at each bracket location.
4. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
5. Attach the Rack PDU using the pre-installed toolless mounting pegs.

NetShelter 0U Accessory Mounting Bracket Installation:

1. Align the brackets to the u-space holes on the vertical mounting rails
 - a. Ensure proper U spacing is allowed between the mounting brackets, refer to page 1 for spacing.
2. Install 2 cage nuts in the u-space at each bracket location.
3. Install the universal mounting brackets to the rear vertical mounting rails of the enclosure.
4. Attach the Rack PDU using the pre-installed toolless mounting pegs.

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