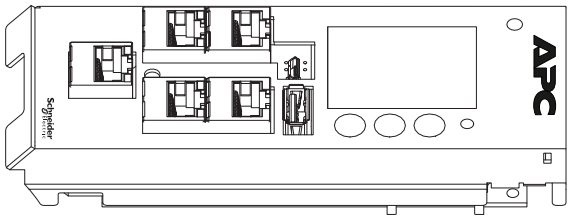
Installation & Quick Start Guide

NetShelter® Rack Power Distribution Units Advanced Display Module APDU9640NMC3, APDU9640NMC3-MP50

TME44468B
Release date: 07/2026



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USA

www.se.com

As standards, specifications, and design change from time to time, please ask for confirmation of the information given in this publication.

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TME44468B

Receiving and Unpacking

Inspect the equipment

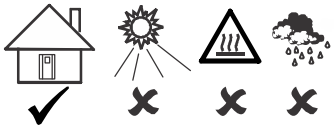


Carefully inspect the exterior of the shipment immediately upon receipt. If you detect shipping damage, contact your shipping company and APC Customer Support at **www.se.com**.



The shipping materials are recyclable. Save them for later use, or dispose of them appropriately.

Storage



NOTICE
Leaving the equipment uncovered and exposed to the elements will cause damage and void the factory warranty.

Important Information About Replacing Display Modules

The Display Module (APDU9640NMC3) is a replacement part for NetShelter® Rack PDU Advanced only. It can be used for both APDU10•••, APDU11•••, and APDU01••• models.

APDU10••• models contain legacy Display Modules by default.

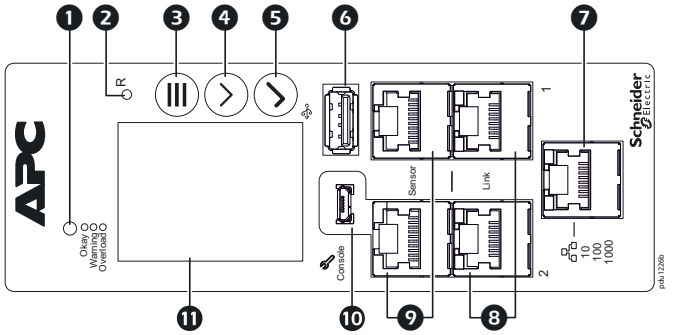
When replacing a legacy APDU10••• Display Module, consider the following:

- **Configuration Reset:** All configuration settings will be reset to their default values.
- **Log Clearance:** The Event and Data Logs will be cleared.
- **Sensor Compatibility:** Sensors used with the legacy Display Module are not compatible with the APDU9640NMC3.
- **Network Port Sharing (NPS):** The host PDU in an NPS Group can only support guest PDUs with the same Display Module.

Supported replacements:

- **APDU10••• models:** You can replace the Legacy Display Module with the APDU9640NMC3 display module. Once you replace the APDU10••• model with the APDU9640NMC3, you cannot reinstall the Legacy Display Module.
- **APDU11••• and APDU01••• models:** You can only replace APDU9640NMC3 with another APDU9640NMC3 display module.
  The APDU11••• and APDU01••• models are not compatible with the Legacy Display Module.

Display Module Overview



Item	Description	Item	Description
❶	Load Indicator LED	❼	10/100/1000 Base-T Connector (Network port)
❷	Reset button	❽	Link 1 and Link 2 ports
❸	Main Menu button	❾	Sensor ports
❹	Scroll button	❿	Console port
❺	Select button	⓫	Display panel
❻	USB port 5V @ 500 mA		

Press the Main Menu button ❸ to return to the load status summary page. Press the Scroll button ❹ once to display the menu. Press additional times to move the highlight bar down the menu list until you reach the desired item. With a menu item highlighted, press the Select button ❺ to open the relevant status page.

Display Module Overview, continued

Before installing the new display module, you must adhere to the following guidelines:

- Do not connect the sensor from the old display module to the new one. The sensor ports ❾ on the new display module are not compatible with the sensors used in the APDU10••• models.
- Do not connect the sensor ports ❾ to an Ethernet port or switch. Otherwise, it can damage either the display module or the Ethernet switch.
- When installing the new display module, handle it carefully to avert equipment damage.

Replacing the Display Module

You can replace the Display Module with power connected (Live Swap) or disconnected (Cold Swap).

1. If desired, download the Event Log and Data Log for your records.

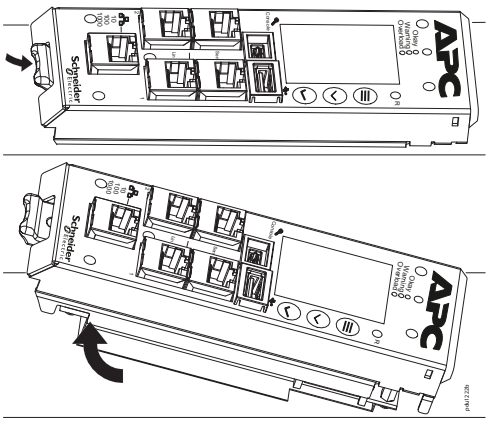
   Detailed instructions to download log files are available on **www.se.com**. Search for the following FAQ article: “Video: How can I download Event, Data, Configuration, and Debug files from my Network Management Card?”
2. Remove all cables and sensors from the Display Module in the NetShelter Rack PDU Advanced.

   If you plan to perform a Cold Swap, disconnect input power from the NetShelter Rack PDU advanced.

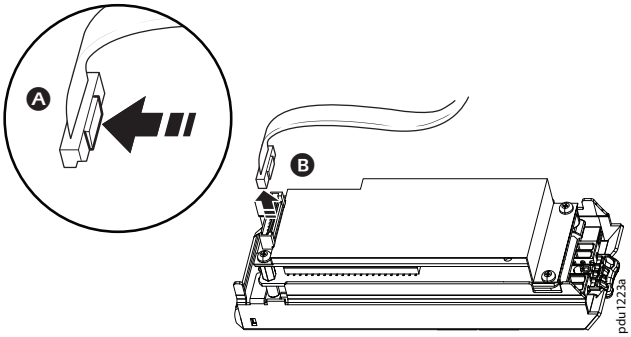
   If you plan to perform a Live Swap, leave the input power connected. During a Live Swap, the NetShelter Rack PDU Advanced will maintain power to all switched outlets that are currently ON.

Replacing the Display Module, continued

3. Press the latch to lift the Display Module away from the NetShelter Rack PDU Advanced.



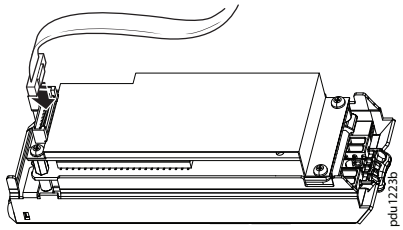
4. Press the locking tab Ⓐ on the ribbon cable to remove the ribbon cable from the back of the Display Module Ⓑ.



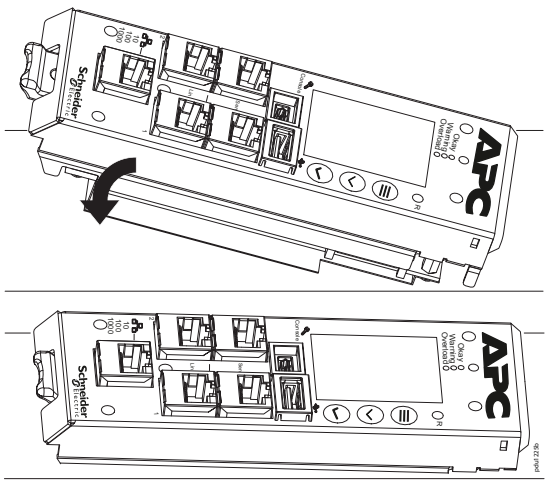
Do not remove the ribbon cable from the NetShelter Rack PDU Advanced.

Replacing the Display Module, continued

5. Attach the ribbon cable to the back of the new Display Module. Be sure the plug is locked at the Display Module connector.



6. Insert the new Display Module into the NetShelter Rack PDU Advanced. You can place it in either orientation.



Replacing the Display Module, continued

7. The Display Module starts the boot up process. The display panel will briefly show the APC logo and the software version currently loaded to the Display Module. When the boot up process is complete, the main menu appears.

   NOTE: Invalid messages may appear. Disregard the messages.

   NOTE: If you removed power from the NetShelter Rack PDU Advanced, apply power now to initiate this step. When the boot up process is complete, be sure the NetShelter Rack PDU Advanced switches ON the correct outlets.
8. Use a pin or paperclip to press the Reset button. The main menu appears when the reset process is complete. This should also clear any invalid messages.
9. Check the **Software Info.** The software version should be 3.*1.x.x* or later.

   Check the **SKU/SN** (Model/Serial Number). The information should match the label on your NetShelter Rack PDU Advanced.

   Contact customer support at **www.se.com/support** if you find any discrepancies.

NOTE: At the end of this procedure, switched outlets should retain their previous state (ON or OFF) regardless of procedure type (Live Swap/Cold Swap) or NMC version.

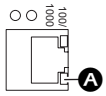
NOTE: After this procedure, disconnecting and re-connecting power to the NetShelter Rack PDU Advanced will cause all switched outlets to turn ON. Removing and replacing the same display module will also cause all switched outlets to turn ON.

Connecting to the Network

By default, the NetShelter Rack Power Distribution Unit (PDU) Advanced uses DHCP to assign Network settings, resulting in a dynamic IP address. If you need a static IP address, you can enter the TCP/IP settings manually at the Command Line Interface (CLI). Once Network settings are assigned, you can access the Web User Interface (Web UI).

DHCP Connection (Dynamic IP Address)

1. Connect a network cable to the Network port. The network connection is established when the Network Status LED Ⓐ turns solid green.



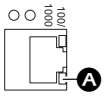
2. Press the Scroll button to display the menu.
3. Press the Scroll button until **Network** is selected. Press the Select button to view the IPv4 address of the Web UI. (You can press the Scroll button again to display the IPv6 address of the Web UI.)
4. Take note of the IP address for access to the Web UI.

Manual Connection (Static IP Address)

1. Contact your network administrator to obtain the IP address, subnet mask, and default gateway for the Rack PDU.
2. Connect an Ethernet cable to the Network port on the Rack PDU.
3. Open an application to view the COM ports for the computer, according to the instructions for your operating system. (In Windows operating systems, you can view ports in the Device Manager.)
4. Connect a USB-A to USB Micro-B cable (not provided) to the console port on the Rack PDU and to your computer. A newly occupied serial COM port should appear in the port-viewing application. Take note of the port number or re-assign the port as needed.

Manual Connection (Static IP Address), continued

5. Use a terminal program (for example, Tera Term®) to make a serial connection to the NetShelter Rack PDU Advanced. Configure the selected port for 9600 bps, 8 data bits, no parity, 1 stop bit, and no flow control.
6. The CLI opens. Press Enter, repeatedly if necessary, to display the user name prompt.
7. Log on to the CLI of the NetShelter Rack PDU Advanced. The default user name and password are both **apc**.
8. Change the default password when prompted. Use a strong password which conforms to your company's password requirements.
9. Use these three commands to configure the network settings (text in italics indicates a variable):
   `tcpip -i` *`your IP address`*
   `tcpip -s` *`your subnet mask`*
   `tcpip -g` *`your default gateway`*
10. Type `exit`, then press Enter. The Rack PDU restarts to apply the changes. The network connection is established when the Network Status LED Ⓐ turns solid green.



Web UI Access

After making a network connection with DHCP or manual settings, you can connect to the Web UI.

1. To access the Web User Interface (Web UI), enter `https://`*`your IP address`* in your Web browser address field.

   When connecting to the Web UI, you may receive a message that the Web page is not secure. This is normal, and you can continue to the Web UI on other browsers. (If your Web browser does not offer the option to continue to the Web UI, try a different browser.) The "Certificate Error Message" is generated because your Web browser does not recognize the default certificate used for encryption over HTTPS. However, information transmitted over HTTPS is still encrypted. See the ***Security Handbook, Network Management Card 3*** on **www.se.com** for more information.
2. You will be prompted for a user name and password. If you have not already set the password, enter **apc** (the default) for both the user name and password to log on. Then change the default password as directed. Use a strong password which conforms to your company's password requirements.

See the ***NetShelter Advanced 11000 Series Rack Power Distribution Units User Guide*** for APDU11••• on **www.se.com** for more configuration options.

See the ***NetShelter Advanced APDU01 Series Rack Power Distribution Units User Guide*** for APDU01••• on **www.se.com** for more configuration options.

Additional Documentation

You can access the latest documentation for this product using the following options:

- Go to go2se.com/ref=<model number>. For example, ***go2se.com/ref=APDU9640NMC3***.
- Scan the QR code to access the product documentation for model **APDU9640NMC3**.



- Visit **www.se.com**, select your location, and search using the product model number.

Worldwide Customer Support

Customer support and warranty information for this product is available at **www.se.com**.