

Replacing Display Modules in AP8●●● and AP7●●● Rack PDUs

With the decommissioning of the NMC2, certain model AP8●●● and AP7●●● Rack PDUs will have their display module upgraded from the NMC2 to the NMC3. Units that shipped with an NMC2 display module will not support firmware for an NMC3 display module.

If an NMC3 display module is installed in a PDU that shipped with an NMC2 display module, the following symptoms may occur:

- The PDU does not show the correct hardware configuration data.
- The "overload" LED is always illuminated.
- The unit improperly measures variable data (amperage, voltage, etc).

If an NMC2 display module is installed in a PDU that shipped with an NMC3 display module, the PDU will no longer function.

To ensure your PDU functions properly: If the PDU was shipped with an NMC2 display module, ensure the legacy display module is used to replace it. If the PDU was shipped with an NMC3 display module, ensure the NMC3 module is used to replace it. You can check the display module by the firmware version or by the serial number.

Check the Firmware Version

Rack PDUs with an NMC2 display modul have firmware v6.x.x or later. Rack PDUS with an NMC3 display have firmware v1.x.x.1 or later. You can check the firmware version for your PDU in any of the following ways:

- In the main menu of the display module, select **Software Info**.
- In the Web UI, go to the **About** tab.
- In the Command Line Interface, check the main screen.

Check the Serial Number

The following is a list of PDU models, serial numbers, and replacement display modules. If the serial number of your PDU is lower than the serial number in column two, install the legacy NMC2 display module. If the serial number of your PDU is greater than or equal to the serial number in column two, install the NMC3 display module.

Rack PDU Model	NMC3 shipped from Serial Number ≥	NMC2 display module (legacy)	NMC3 display module
AP7152B	ZA2230011721	0J-0N-96739	0J-0N-1707
AP7155B	ZA2230000851	0J-0N-96739	0J-0N-1707
AP7175B	ZA2230012377	0J-0N-96739	0J-0N-1707
AP7800B	ZA2240010256	0J-0N-96739	0J-0N-1707
AP7801B	ZA2245051271	0J-0N-96739	0J-0N-1707
AP7802B	ZA2238020011	0J-0N-96739	0J-0N-1707

Rack PDU Model	NMC3 shipped from Serial Number ≥	NMC2 display module (legacy)	NMC3 display module
AP7802BJ	ZA2243008102	0J-0N-96739	0J-0N-1707
AP7811B	ZA2236005623	0J-0N-96739	0J-0N-1707
AP7820B	ZA2239003751	0J-0N-96739	0J-0N-1707
AP7821B	ZA2306000349	0J-0N-96739	0J-0N-1707
AP7822B	ZA2238014655	0J-0N-96739	0J-0N-1707
AP7850B	ZA2310038373	0J-0N-96738	0J-0N-1705
AP7869B	ZA2239015568	0J-0N-96738	0J-0N-1705
AP7899B	ZA2319030015	0J-0N-96738	0J-0N-1705
AP7900B	ZA2232024222	0J-0N-96739	0J-0N-1707
AP7901B	ZA2235000361	0J-0N-96739	0J-0N-1707
AP7902B	ZA2321021157	0J-0N-96739	0J-0N-1707
AP7902BJ	ZA2245021017	0J-0N-96739	0J-0N-1707
AP7911B	ZA2235024567	0J-0N-96739	0J-0N-1707
AP7920B	ZA2229000641	0J-0N-96739	0J-0N-1707
AP7921B	ZA2226001109	0J-0N-96739	0J-0N-1707
AP7922B	ZA2321008491	0J-0N-96739	0J-0N-1707
AP7950B	ZA2301002223	0J-0N-96738	0J-0N-1705
AP7968B	ZA2325030518	0J-0N-96738	0J-0N-1705
AP7998B	ZA2248022616	0J-0N-96738	0J-0N-1705
AP8441	ZA2309021178	0J-0N-96738	0J-0N-1642
AP8453	ZA2229012891	0J-0G-9470	0J-0N-1642
AP8459EU3	ZA2246050446	0J-0G-9470	0J-0N-1642
AP8459NA3	ZA2242004444	0J-0G-9470	0J-0N-1642
AP8459WW	ZA2229012911	0J-0G-9470	0J-0N-1642
AP8461	ZA2242010639	0J-0G-9470	0J-0N-1642
AP8481	ZA2248022589	0J-0G-9470	0J-0N-1642
AP8632	ZA2304008714	0J-0G-9470	0J-0N-1643
AP8641	ZA2232009258	0J-0G-9470	0J-0N-1642
AP8653	ZA2242022174	0J-0G-9470	0J-0N-1642
AP8659	ZA2242022040	0J-0G-9470	0J-0N-1642
AP8659EU3	ZA2242009423	0J-0G-9470	0J-0N-1642
AP8659NA3	ZA2247029030	0J-0G-9470	0J-0N-1642
AP8661	ZA2242005481	0J-0G-9470	0J-0N-1642
AP8681	ZA2304011411	0J-0G-9470	0J-0N-1642
AP8830	ZA2231034098	0J-0M-81332	0J-0N-1643
AP8830J	ZA2232013399	0J-0M-81332	0J-0N-1643
AP8831	ZA2250008916	0J-0M-81332	0J-0N-1643
AP8832	ZA2239002623	0J-0M-81332	0J-0N-1643
AP8832J	ZA2242004316	0J-0M-81332	0J-0N-1643
AP8833J	ZA2317003326	0J-0M-81332	0J-0N-1643
AP8841	ZA2225012367	0J-0G-9470	0J-0N-1642
AP8853	ZA2229001384	0J-0G-9470	0J-0N-1642
AP8858	ZA2232008016	0J-0G-9470	0J-0N-1642
AP8858EU3	ZA2232090010	0J-0G-9470	0J-0N-1642
AP8858NA3	ZA2225007511	0J-0G-9470	0J-0N-1642
AP8861	0A2230G04254	0J-0G-9470	0J-0N-1642

Rack PDU Model	NMC3 shipped from Serial Number ≥	NMC2 display module (legacy)	NMC3 display module
AP8862	Not implemented	0J-0M-81332	Do not install
AP8863	ZA2239010409	0J-0M-81332	0J-0N-1643
AP8865	0A2225G07501	0J-0G-9470	0J-0N-1642
AP8866	ZA2237023495	0J-0M-81332	0J-0N-1643
AP8867	ZA2241003985	0J-0M-81332	0J-0N-1643
AP8868	ZA2225006043	0J-0M-81332	0J-0N-1643
AP8870	ZA2241013409	0J-0M-81332	0J-0N-1643
AP8881	ZA2227005242	0J-0G-9470	0J-0N-1642
AP8886	ZA2229005118	0J-0M-81332	0J-0N-1643
AP8887	ZA2241022108	0J-0M-81332	0J-0N-1643
AP8888	ZA2318006517	0J-0M-81332	0J-0N-1643
AP8930	ZA2242007815	0J-0M-81332	0J-0N-1643
AP8930J	ZA2248024046	0J-0M-81332	0J-0N-1643
AP8931	ZA2247024322	0J-0M-81332	0J-0N-1643
AP8932	ZA2239021963	0J-0M-81332	0J-0N-1643
AP8958	Not implemented	0J-0G-9470	Do not install
AP8958EU3	Not implemented	0J-0G-9470	Do not install
AP8958NA3	ZA2230013066	0J-0G-9470	0J-0N-1642
AP8962	Not implemented	0J-0M-81332	Do not install