



Replacing a Power Cooling Module in a 2U Enclosure

SEAGATE

Exos X 4006, Exos E Series storage systems, and AP Integrated Storage Servers

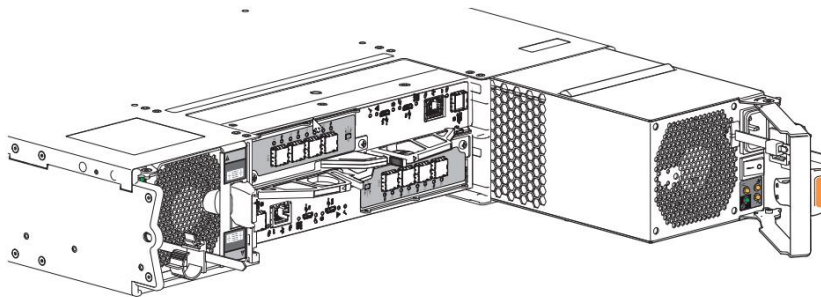
This document contains the steps in replacing a power cooling module (PCM) for a 2U enclosure. More detailed information is found in the Hardware Maintenance and Installation Guide (HMIG) for the Exos X 4006 & Exos E series storage systems, and the AP Integrated Storage Servers. You can find the documents located at <https://www.seagate.com/support/data-storage-systems>.

To replace a power cooling module:

1. Retrieve the new PCM in its static-protected container, ready to immediately replace the faulty one.

2. Complete the following actions to remove the faulty PCM:

- a. After you complete the proper shut down of the application and when you are ready to power down the storage enclosure, face the rear of the rack cabinet and switch off the power for the faulty PCM or PSU.
- b. Disconnect each power connector from the power distribution unit (PDU).
- c. Release the PCM power cord from its secure tie, and then disconnect the power cord from the PCM connector.
- d. Release and pivot the latch of each PCM to the open position.
- e. Use one hand to support the weight of the PCM and the other to gently withdraw the PCM.

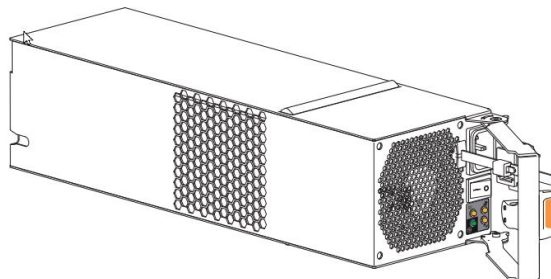


Power cooling module Removal

- f. Temporarily store the PCM in a static-protected environment.

3. Complete the following actions to install a tested good PCM:

- a. Orient the new PCM with the open latch to the outside of the chassis opening.



Replacement power cooling module

- b. Use one hand to support the weight of the PCM and the other to guide it into the empty PCM slot.
 - c. Exerting even pressure to the center, gently press inward until it connects with the midplane.
 - d. Swing the latch closed until it locks in place.
 - e. Reconnect the power cord, and then tighten the secure tie around it.
4. Verify that the PCM OK LED is lit green on the replaced PCM after properly inserting and seating it in the empty slot.
 5. Facing the front of the storage enclosure, verify that the Power On LED is green and there are no fault conditions.