NEO 8000™ Library
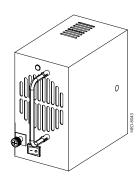
Power Supply Module Spare

Remove & Replace/Add-On Instructions

Overview & Notes

Introduction

> **IMPORTANT:** Overland Storage requires that all NEO 8000 parts be removed and replaced by an Overland Storage authorized service provider. Improper installation may result in damage which voids existing warranties.

This document describes how to either remove and replace or add a power supply module in a NEO 8000 Library from Overland Storage.

Unpacking the Spare

Carefully unpack the spare part and verify that you have all the parts:

- Power supply module
- These remove & replace/add-on instructions

> ⚠ **WARNING:** The GUI touch screen does not completely shut off NEO 8000 system power. To reduce the risk of electric shock or damage to equipment, disconnect the power by unplugging the power cords.

Electrostatic Discharge Information

A discharge of static electricity can damage micro-circuitry or static-sensitive devices. To help prevent electrostatic damage, observe the following precautions:

- Transport and store items in static-safe containers.
- Keep electrostatic-sensitive parts in their containers until they arrive at static-free stations.
- Use a wrist strap and properly-grounded tools.
- Make sure you are always properly grounded when touching a static-sensitive component or assembly.
- Keep the work area free of non-conductive materials.
- Avoid touching pins, leads, or circuitry.

Adding or Replacing a Power Supply

A NEO 8000 power supply is designed as a single unit to permit quick and easy installation or replacement.

1. At the front panel, **power down** the library.

2. Set the library **circuit breakers** to OFF ("O"), and remove and retain the **power cords**.

3. If **replacing** an existing power supply, remove the old module (Figure 1).

   a. Completely loosen the captive fastener **thumbscrew** in the lower left corner.

   b. Pull the **captive fastener** all the way down.

   c. Grab the handle and gently **pull the power supply** module out.

   There is some initial resistance as the module releases from the backplane.

4. If **adding** a new power supply, remove the **cover plate** by gently prying off it off. It is held in place by spring latches.
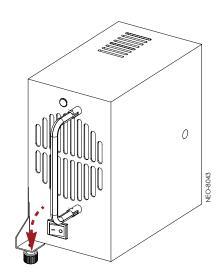

Figure 1. Power Supply Latch

5. Slide the **new power supply module** into the empty slot, pushing slowly until it seats firmly against the backplane of the power supply case.

6. Lift the **captive fastener** up fully and tighten the **thumbscrew**.

    NOTE: If the fastener doesn't lift completely, press the power supply inward to fully connect it with the backplane.

7. Be sure the **power switch** on the new power supply is in the ON ("|") position.

8. Reconnect the **power cords** and turn the **circuit breakers** to the ON ("|") position.

The green LED on the new power supply should come on during POST. If it doesn't light up, check that the power supply module is completely inside the case and in full contact with the backplane.

Additional Help
You can get additional technical support on the Internet at support.overlandstorage.com, or call 1-877-654-3429 (toll-free U.S. & Canada), +44 (0) 118-9898050 (Europe), or 001-858-571-5555 x5 (International).