



STORMSHIELD

TECHNICAL NOTE

Stormshield Network Firewalls

Changing a power supply module (SN3000 and SN6000)

Document version: v1.1

Reference: smentno- changing- power-supply



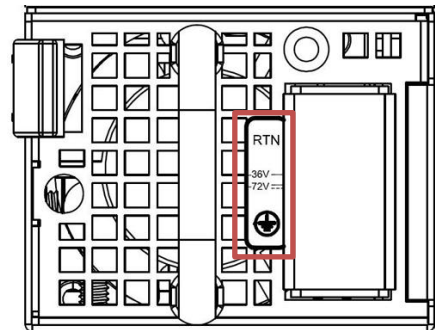
SN3000

! WARNING

Certain Stormshield Network SN3000 appliances are **not compatible** with 48VDC power supply modules and **these appliances must not be used with 48VDC modules.**

Affected products have the following Part number: SN3000-XA10A-101

If your SN3000 is one of such appliances, and you wish to use a 48VDC power supply module, please contact your partner or reseller in order to replace your appliance.



1. Disconnect the module from the electrical supply:
 - **AC mains supply:** disconnect the mains cable.
 - **48VDC supply:** first, disconnect the power cord from the 48VDC source. Next, on the module, remove the protective cover ❶, then use a screwdriver to disconnect the three supply wires.
2. Remove the module: push the release lever sideways toward the extraction handle, and use the handle to pull the module. Take hold of the case of the module and remove it completely.
3. Insert the new module with the product label facing upwards. When the module is fully inserted, push until you hear a “click” that indicates that the module is locked in place. Verify that the module is locked in place by pulling gently on the extraction handle: the module must not move.
4. Attach the new module to the electrical supply:
 - **AC mains supply:** connect the mains cable.
 - **48VDC supply:** with the power cord disconnected from the 48VDC supply, use a screwdriver to attach the three wires of the power cord to the module ❶ then reattach the protective cover. The wires must be connected to the 48VDC module as shown above. Next, connect the power cord to the 48VDC source.

Each PSU module is equipped with a light showing its state (two colours: green/red for the AC mains module, blue/red for the 48VDC module):

Module working correctly

- module connected to a power source but not installed in a firewall: green (AC mains)/blue (48VDC).

SN3000 (halted):

- module installed but not connected to a power source, and the other module is installed and connected: green (AC mains)/blue (48VDC), blinking.
- module installed and connected to a power source: green (AC mains)/blue (48VDC), blinking.

SN3000 (running):

- module installed and connected to a power source: green (AC mains)/blue (48VDC), not blinking.
- module installed and not connected to a power source: red, blinking (+ buzzer).

Module not functioning correctly

- module connected to a power source: red, not blinking.



SN6000



1. Disconnect the module from the electrical supply,
 - **AC mains supply:** disconnect the mains cable
 - **48VDC supply:** disconnect the supply cable from the module - squeeze the connector vertically ❶, and pull.
2. Remove the module: push the release lever sideways toward the extraction handle, and pull the handle. Take hold of the case of the module and remove it completely.
 - ❗ **CAUTION:** the module's metal case serves as a heat sink and its temperature can reach +60°C at full power. It is therefore advisable to use a glove to hold the case.
3. Insert the new module with the product label facing upwards. When the module is almost inserted, push until you hear a "click" that indicates that the module is locked in place. Verify that the module is locked in place by pulling gently on the extraction handle: the module must not move.
4. Attach the new module to the electrical supply:
 - **AC mains supply:** connect the mains cable
 - **48VDC supply:** plug in the supply cable's connector ❶. Verify that the connector is locked in place by pulling it gently.

Each PSU module is equipped with a light showing its state (two colours: green/red):

Module working correctly

- module connected to a power source but not installed in a firewall: green, blinking.

SN6000 [halted]:

- module installed but not connected to a power source, and the other module is installed and connected: green, blinking.
- module installed and connected to a power source: green, blinking.

SN6000 [running]:

- module installed and connected to a power source: green, not blinking.
- module installed and not connected to a power source: red (AC mains)/not lit (48VDC), not blinking (+buzzer).

Module not functioning correctly

- module connected to a power source: red, not blinking.