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Sun Fire™ 3800 System Power Supply Installation Guide

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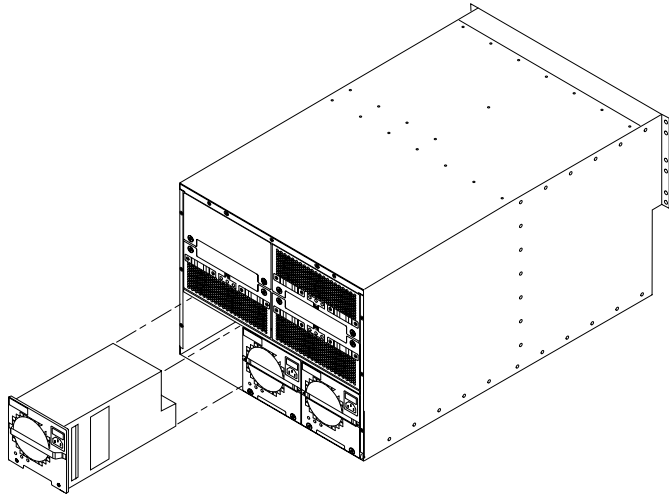650 960-1300, Fax 650 969-9131

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Sun Fire 3800 System Power Supplies

The Sun Fire™ 3800 system has three power supplies located in the back—PS0, PS1 and PS2.

The default positions are the right and the middle positions, PS0 and PS1. The redundant power supply is PS2, in the left most position.

Installing a Power Supply in a Powered-On System

1. **Remove the power supply filler panel and save it.**

2. **Remove the protective cover from the output connector on the new power supply, located in the back of the power supply.**

3. **Hold the power supply vertically, with one hand gripping the bottom of the unit, and the other hand gripping the handle, slide the power supply into the chassis until it stops.**

4. **Tighten the two captive screws.**

5. **Tighten the tie wrap around each power cord and around the power supply handle to keep them from being dislodged.**

   Make sure the tie wrap is tight. Do not trim excess tie wrap.

6. **Connect the other ends of the power cord to a grounded circuit breaker.**

   The power supply cords should each be connected to a different 100-120 or 200–240 VAC, 15A circuit breaker. This prevents the entire system from going down if a single circuit breaker fails.

7. **Toggle the power supply switch to on.**

8. **Turn on the power supply using the system controller software.**

   Refer to the *Sun Fire 6800/4810/4800/3800 Systems Platform Administration Manual* for complete procedures for powering on the power supply.

Note – Make sure the green Activated LED is on (lit). If the green Activated LED is not on, check to see if the power supply is seated properly and the power supply is turned on.

Removing a Power Supply From a Powered-On System

1. **Power off the appropriate power supply.**

   Refer to the *Sun Fire 6800/4810/4800/3800 Systems Platform Administration Manual* for complete powering off the power supply procedures.

Note – When the green Activated LED on the power supply is off (not lit) and the amber OK to remove LED is on (lit), it is safe to continue. You DO NOT have to power off the power grids, AC input box, or RTS module(s).

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2. **Have the power supply filler panel available.**

3. **Loosen the two captive screws.**

4. **Loosen the power cable lock strap, and disconnect the power cable from the power supply.**

5. **Hold the power supply handle and slide the power supply partially out of the system.**

   Caution – Do not remove the power supply completely from the system while only holding the handle of the power supply.

6. **Hold the power supply with both hands and slide the power supply completely out of the system.**

7. **Install a power supply filler panel in the empty slot.**

8. **Tighten the captive screws.**