

# Start Here: Installation, Safety, and Regulatory Information for the Aruba DC Modular Power Supplies

## All product documentation

For the latest release of hardware and software documentation for Aruba switches and accessories, including the *Installation and Getting Started Guide* describing how to install the modular power supplies listed in this document, visit the Aruba Support Portal at the following link: <https://asp.arubanetworks.com/downloads>. See the rest of this guide for important pre-setup information.



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There are no user-serviceable parts in this product. For switch or accessory service needs, contact an authorized Aruba representative.

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## Applicable Products



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**IMPORTANT:** To determine which of the following power supplies are designed to function with your Aruba switch and their power ratings, see the *Installation and Getting Started Guide* for your switch.

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- **Aruba 6300M 1050W 36-72VDC PSU (JL758A):** A 1050 watt power supply used for 6300M PoE switches.
- **Aruba 6300M 250W 36-72VDC PSU (JL757A):** A 250 watt power supply used for 6300M non-PoE switches. This power supply does not provide any PoE power, and is keyed so that it will not fit into the power supply slots of Aruba PoE switches.

## Power supply installation precautions and guidelines

To help avoid personal injury or product damage when installing the power supply in an Aruba switch, read the following installation precautions and guidelines.



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CAUTION:

- This unit is intended for installation in restricted access areas. Only trained and qualified personnel should be allowed to install, replace, or service this equipment.
- Disconnect DC power from the power supply BEFORE installing or removing the power supply. The power supply must NOT be connected to DC power while it is being installed or removed. The switch power supplies are hot-swappable; that is, a power supply that is disconnected from the power source can be installed or removed while the switch is receiving power from another power supply installed in the other power supply slot.
- Always switch input power OFF before connecting and disconnecting the DC input to the unit. If not turned off, there is a risk of injury or severe damage.
- If a power supply must be removed and then reinstalled, wait at least five seconds before reinstallation. The power supply needs this time to dissipate any retained power. Install a cover plate on any switch power supply slot that is not in use.
- A slot cover plate MUST be secured over any power supply slot that does not contain a power supply unit. This is required for proper air flow and thermal operation. Leaving a power supply slot uncovered can cause an over-temperature condition inside the switch that can result in the switch shutting down. During replacement of a power supply unit, it is acceptable to allow the slot to remain uncovered for up to two minutes in a switch connected to a power source.
- Make sure the power source is properly grounded before connecting power to the power supply.
- Ensure the power supply does not overload the power circuits, wiring, and over-current protection.
- Do not install the power supply into a switch that is in an environment where the operating ambient temperature might exceed 45°C (113°F) for more than a short period of time.
- Make sure that the airflow around the front, back, and sides of the switch is not restricted.



**NOTE:** If your switch is configured with redundant power supplies, the switch will not suffer any loss of traffic or performance if a power supply fails, except for possible PoE reallocation on PoE Class 4 and PoE Class 6 switches.

## Aruba modular power supply safety and regulatory information



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**NOTE:** For important safety, environmental, and regulatory information, see Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products, available at <http://www.hpe.com/support/Safety-Compliance-EnterpriseProducts>.

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**Table 1: Electrical information for Aruba DC input modular power supplies**

Power Supply Model	Maximum Current	DC Input Range (Nominal)	DC Input Range (Maximum)
Aruba 6300M 1050W 36-72VDC PSU (JL758A)	32A	-48V to -60V	-36V to -72V
Aruba 6300M 250W 36-72VDC PSU (JL757A)	8.2A	-48V to -60V	-36V to -72V

**Table 2: Safety and regulatory information for Aruba modular power supplies**

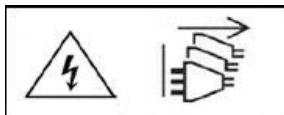
<b>Europe</b>	EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 EN 62368-1:2014 +A11 EN 55032:2015/CISPR 32 Class A EN 55035:2017/CISPR 35 EN 55024:2010 +A2016/CISPR24:2015 EN 63000:2018
<b>Worldwide</b>	IEC 60950-1:2005 +A1:2009 +A2:2013 IEC 62368-1, 2nd Edition
<b>North America</b>	UL 62368-1, 2nd Edition CSA 22.2 NO. 62368-1-14 FCC CFR 47 Part 15, Class A ICES-0013, Class A




**NOTE:** Environmental and other switch and modular power supply specifications, such as acoustics data are included in the Installation and Getting Started Guide for the switch.



**CAUTION:** Shock hazard. To completely remove power from the switch, disconnect all power cords.



**WARNING:** Interior Wiring.

<b>Interior Wiring Warning</b>	 <b>WARNING</b> <b>FOR INDOOR USE ONLY.</b> The switch, DC power cord, and all connected cables are not designed for outdoor use.
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### Japan VCCI Class A statement

この装置は、クラスA機器です。この装置を住宅環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

**VCCI — A**

### Korea EMC Class A statement

사용자 안내문

이 기기는 업무용 환경에서 사용할 목적으로 적합성평가를 받은 기기로서 가정용 환경에서 사용하는 경우 전파간섭의 우려가 있습니다.

## Belarus Kazakhstan Russia marking



For manufacturer and local representative information, see Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products at <http://www.hpe.com/support/Safety-Compliance-EnterpriseProducts>.

## United Kingdom marking



EU & UK Regulatory Contact:

HPE, Postfach 0001, 1122 Wien, Austria

## Preview of installing or removing an Aruba modular DC input power supply unit



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**WARNING:** During the installation or removal, ensure that the DC power is NOT connected to the power supply source.

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**WARNING:** Only trained and qualified personnel should install or replace the device.

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1. Place unit in rack.
2. Organize and tie all cables and wires.
3. Remove transparent protective cover.
4. Install all wires.
5. Reinstall transparent protective cover.

## Document feedback

Send any errors, suggestions, or comments to Documentation Feedback ([docsfeedback@hpe.com](mailto:docsfeedback@hpe.com)).