

ARISTA

User Guide

Safety and Compliance Guide



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Safety and Compliance Guide

The following topics are discussed in the Safety and Compliance Guide:

- [General Statement](#)
- [Electrical Warnings](#)
- [Facilities Warnings](#)
- [Installation, Service, and Disposal Warnings](#)
- [Standards and Conformity Compliance](#)
- [Battery and Laser Notices](#)
- [EMC Class A Notices and Warnings](#)

1.1 General Statement



Attention: Read the installation instructions before connecting the system to the power source.
Lisez les instructions d'installation avant de connecter le système à la source d'alimentation.

Danger Symbol

This warning symbol means **Danger**.



You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents.

Symbole de danger



Ce symbole d'avertissement signifie **Danger**, vous êtes dans une situation susceptible de provoquer des blessures corporelles. Avant d'intervenir sur un équipement, vous devez connaître les risques liés aux circuits électriques et vous familiariser avec les pratiques standard de prévention des accidents.

Heat Warning Symbol

This warning symbol means **Caution – Hot Surface**.



Avoid contact. Surfaces are hot and may cause personal injury if touched.

Symbole d'avertissement de chaleur



Ce symbole d'avertissement signifie **Attention - Surface chaude, éviter** tout contact. Les surfaces sont chaudes et peuvent provoquer des blessures en cas de contact.

Hazardous Voltage Shock Warning Symbol

This warning symbol means **Caution – Hazardous Voltages are Present**.



Follow the instructions to reduce the risk of electric shock and danger to personal health.

Symbole d'avertissement de tension dangereuse



Ce symbole d'avertissement signifie **Attention - Présence de tensions dangereuses** pour réduire les risques d'électrocution et les dangers pour la santé, suivez les instructions.

Operating Instructions Symbol



Indicates that the operating instructions should be considered when operating the device or control close to where the symbol is placed.

Symbole Instructions d'utilisation



Ce symbole d'avertissement signifie que les instructions d'utilisation doivent être prises en compte lors de l'utilisation de l'appareil ou de la commande à proximité de l'endroit où le symbole est placé.

1.2 Electrical Warnings

Comply with Local and National Electrical Codes

Installation of the equipment must comply with local and national electrical codes.

Equipment Grounding

This product must be electrically grounded. Never operate the product with the ground connection missing and never defeat the Protective Earth (PE) or Ground connection. The AC-input power supply relies on the ground connection made by the AC main cord. Each DC-input power supply requires its own conductor/cable for grounding.

If you have concerns about connecting the product to the proper electrical ground, contact an electrician or your local building-code enforcement agency.

Mains Disconnecting Device

For AC-powered systems, the plug-socket combination must be accessible at all times because it serves as the main disconnecting device.

For DC-powered systems, the circuit breakers or fuses on the DC power lines that service the DC circuits serve as the main disconnecting device. To ensure that power is removed, turn off the DC power line circuit breakers and remove the DC power line fuses.

Multiple Power Supply Connections and Hazardous Voltage Warning



This unit might have more than one power supply connection. All power connections must be removed from the unit. Hazardous voltage or energy may be present on power terminals. Always replace covers over terminals prior to energizing the power circuits. Be sure uninsulated conductors are not accessible when the cover is in place.

Avertissement de connexions d'alimentation multiples et de tension dangereuse



Cet appareil peut avoir plus d'une connexion d'alimentation. Toutes les connexions électriques doivent être supprimées pour mettre l'appareil hors tension. Une tension ou une énergie dangereuse peut être présente sur les bornes d'alimentation. Remplacez toujours les couvercles sur les bornes avant de mettre les circuits d'alimentation sous tension. Assurez-vous que les conducteurs non isolés ne sont pas accessibles lorsque le couvercle est en place.

Short-Circuit Protection

This product requires branch-circuit overcurrent protection (to be provided) as part of the building installation.

Activity During Lightning Events

Do not work on the system or connect or disconnect cables during lightning activity.

Jewelry Removal Warning

Before working on equipment connected to power lines, remove jewelry (including rings, necklaces, and watches). Metal objects will heat up when connected to power and ground and can cause serious burns or weld the metal object to the terminals.

Power Cord Exclusivity

Any power cords Arista provides are intended for use with only Arista products.

Power Cord Connection

Caution - High touch current. Earth connection essential before connecting supply. These symbols indicating high touch current may be displayed on your system.



1.3 Facilities Warnings

Restricted Area Warning

This unit is intended for installation in restricted access areas. A restricted access area is where service personnel can only gain access through a special tool, lock and key, or other security means and is controlled by the authority responsible for the location.

Stacking the Chassis Warning

Do not stack the chassis on any other equipment. If it falls, it can cause severe bodily injury and damage to equipment.

High-Temperature Warning

To prevent the switch from overheating, do not operate it in an area that exceeds the maximum recommended ambient temperature of 104°F (40°C). Allow at least 3 inches (7.6 cm) of clearance around the ventilation openings to prevent airflow restriction.

DCS-7316 Acoustic Level Warning

The DCS-7316's acoustic level varies depending on loading and environmental conditions. Under nominal conditions, the DCS-7316 will have a sound power level, measured in accordance with *ISO 7779*, between 75-83dBA; however, in certain conditions, this unit may reach a maximum of 93.8dBA. Per OSHA standard 1910.95, the employer shall administer a continuing, effective hearing conservation program whenever employee noise exposures equal or exceed an 8-hour time-weighted average sound level (TWA) of 85 decibels measured on the A scale.

1.4 Installation, Service, and Disposal Warnings

Installation by Qualified Personnel Warning

Only trained and qualified service personnel (as defined in *IEC 60950-1* and *AS/NZS 60950*) should install, replace, or service the equipment.

Chassis Warning for Rack-Mounting and Servicing

You must take special precautions to ensure the system remains stable and prevent bodily injury when mounting or servicing this unit in a rack. The following guidelines are provided to ensure your safety:

- This unit should be mounted at the bottom of the rack if it is the only unit.
- When mounting this unit in a partially filled rack, load the rack from the bottom to the top with the heaviest component at the bottom of the rack.
- If the rack is provided with stabilizing devices, install the stabilizers before mounting or servicing the unit in the rack.

Modular Systems Heavy Equipment Warning

Use mechanical assistance to install heavy equipment. To prevent personal injury or damage to the chassis, never attempt to lift or tilt it using the handles on modules (such as power supplies, fans, or cards); these types of handles are not designed to support the weight of the unit.

Product Disposal

Ultimate disposal of this product should be handled according to all local and national laws and regulations.

Establishing the Ground Connection When Installing or Replacing the Unit

When installing or replacing the unit, the ground connection must always be made first and disconnected last.

There are no user-serviceable parts inside. Do not open the unit.

Refer all servicing to qualified service personnel.

Slide/Rail Mounted Equipment Warning

The following or similar wording is affixed to the equipment or in the operator instructions: "CAUTION: Slide/rail mounted equipment is not to be used as a shelf or a workspace"

1.5 Standards and Conformity Compliance

EU Declaration of Conformity

This equipment complies with the requirements and provisions of Directives 2006/95/EC and 2004/108/EC. To receive a copy of the latest Declarations of Conformity (DoC) for Arista products, refer to <https://www.arista.com/support/product-documentation/hardware>:

- **California Perchlorate Contamination Prevention Act**
- **(Title 22, California Code of Regulations, Chapter 33)**

The battery inside this product might contain perchlorate, a known hazardous substance, so special handling and disposal might be necessary. For more information about perchlorate and best management practices for perchlorate-containing substances, see <https://dtsc.ca.gov/perchlorate-fact-sheet>.

Brazil Conformity

Para maiores informações, consulte o site da Anatel: <http://www.gov.br/anatel/pt-br>.

Este produto não é apropriado para uso em ambientes domésticos, pois poderá causar interferências eletromagnéticas que obrigam o usuário a tomar medidas necessárias para minimizar estas interferências.

For more information, consult the Anatel website: <http://www.gov.br/anatel/pt-br>.

India Compliance Statement

The product conforms to the relevant Essential Requirements of TEC, Department of Telecommunications, Ministry of Communications, Govt of India, New Delhi - 110001.

UK Declaration of Conformity

This equipment complies with the requirements and provisions of Electromagnetic Compatibility Regulations 2016 and Electrical Equipment (Safety) Regulations 2016. To receive a copy of the latest Declarations of Conformity (DoC) for Arista products, refer to <https://www.arista.com/support/product-documentation/hardware>.

1.6 Battery and Laser Notices

Class 1 Laser Product

This product has provisions to install Class 1 laser transceivers that provide optical coupling to the communication network. After a Class 1 laser product is installed, the equipment is a Class 1 Laser Product (Appareil à Laser de Classe 1). The customer is responsible for selecting and installing the Class 1 laser transceiver and for ensuring that the Class 1 AEL (Allowable Emission Limit) per EN/IEC 60825-1, CSA E60825-1, and Code of Federal Regulations 21 CFR 1040 is not exceeded after the laser transceivers have been installed. Do not install laser products whose class rating is greater than 1. Refer to all safety instructions that accompany the transceiver before installation. Only Class 1 laser devices certified for use in the country of installation by the cognizant agency are to be utilized in this product.

Laser Radiation

Invisible laser radiation may be emitted from disconnected fibers or connectors. Do not stare into beams or view directly with optical instruments.

Laser Beam Exposure

Avoid direct exposure to the laser beam.

Nordic Lithium Battery Statement



DANGER:

If the battery is incorrectly replaced, there is a danger of explosion. Select the same type of battery or an equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

Norge



DANGER: Litiumbatteri — Eksplosjonsfare. Ved utskifting benyttes kun batteri som anbefalt av apparatfabrikanten. Brukt batteri returneres apparatleverandøren.

S-7316 Acoustic Level Warning

Sverige



DANGER: Varning! - Explosionsfara vid felaktigt batteribyte. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion.

Danmark



DANGER: Litiumbatteri — Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Levér det brugte batteri tilbage til leverandøren.

Suomi DANGER: Paristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.



Nordic Grounded Socket Warning Statement



CAUTION: Caution - This product must be connected to a grounded socket.

Norge



CAUTION: Litiumbatteri — Apparatet må tilkoples jordet stikkontakt.

Sverige



CAUTION: Varning! - Apparaten skall anslutas till jordat uttag.

Suomi



CAUTION: Laite on liitettävä suojamaadoituskoskettimilla varustettuun pistorasiaan.

1.7 EMC Class A Notices and Warnings

Class A Notice for FCC

Modifying the equipment without Arista's authorization may result in the equipment no longer complying with FCC requirements for Class A digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any radio or television communications interference at your own expense. This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. The operation of this equipment in a residential area is likely to cause harmful interference, and users will be required to correct it at their own expense.

Class A Notice for EU

Operation of this equipment in a residential environment could cause radio interference.

Class A Notice for UK

Operation of this equipment in a residential environment could cause radio interference.

Class A Notice for Canada

This Class A digital apparatus complies with Canadian ICES-003(A)/ NMB-003(A).

Cet appareil numérique de classe A est conforme aux NMB-003(A)/NMB-003(A) du Canada.

VCCI Class A Warning for Japan

この装置は、クラスA情報技術装置です。この装置を家庭環境で使用する
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

Class A**Korean**

이 기기는 업무용(A급) 전자파 적합기기로서 판매자 또는 사용자는 이 점을 주의하시기 바라며,
가정외의 지역에서 사용하는 것을 목적으로 합니다.

사용자안내문

A급 기기 (업무용 방송통신기자재)

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역에서 사용하는 것을 목적으로 합니다.

Taiwan BSMI Class A statement**警告使用者:**

此為甲類資訊技術設備，於居住環境中使用時，可能會造成射頻擾動，在此種
情況下，使用者會被要求採取某些適當的對策。

警告: 為避免電磁干擾，本產品不應安裝或使用於住宅環境。

China Class A Statement

警告: 在居住环境中, 运行此设备可能会造成无线电干扰。

Class A (Hebrew)**אזהרה**

מוצר זה הוא מוצר Class A.
בסביבה ביתית, מוצר זה עלול לגרום הפרעות בתדר רדיו, ובמקרה זה, המשתמש עשוי
להידרש לנקוט אמצעים מתאימים.