

# ARISTA

## Safety and Compliance Guide

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*Safety and Compliance Guide*

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## Safety and Compliance Guide

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## 1.1 General Statement

### Read Installation Instructions

Read the installation instructions before connecting the system to the power source.

### Lire les instructions d'installation

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**

To reduce the risk of electric shock and danger to personal health, follow the instructions.

### 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

This warning symbol means operating instructions should be considered when operating the device to indicate 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. Never defeat the Protective Earth (PE) or Ground connection. The AC-input power supply relies on the ground connection made by the AC-Mains cord. Each DC-input power supplies requires its own conductor/cable for grounding.

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

### Mains Disconnecting Device

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

For DC-powered systems the circuit breakers or fuses on the DC power lines that service the DC circuits serve as the mains disconnecting device. Turn OFF the DC power line circuit breakers and remove the DC power line fuses to ensure that power is removed.



### Multiple Power Supply Connections and Hazardous Voltage Warning

This unit might have more than one power supply connection. All power connections must be removed to de-energize 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 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 periods of lightning activity.

### Jewelry Removal Warning

Before working on equipment that is 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 provided by Arista are intended for use with Arista products only.

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## 1.3 Facilities Warnings

### **Restricted Area Warning**

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

### **Stacking the Chassis Warning**

Do not stack the chassis on any other equipment. The chassis can cause severe bodily injury and equipment damage if it falls.

### **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). To prevent airflow restriction, allow at least 3 inches (7.6 cm) of clearance around the ventilation openings.

### **DCS-7316 Acoustic Level Warning**

The acoustic level of the DCS-7316 varies dependent upon 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

To prevent bodily injury when mounting or servicing this unit in a rack, you must take special precautions to ensure that the system remains stable. 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 in the rack.
- 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 assist to install heavy equipment. To prevent personal injury or damage to the chassis, never attempt to lift or tilt the chassis 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.

### No User-Serviceable Parts Inside. Do Not Open Unit.

No user serviceable parts inside. Do not open unit. Refer all servicing to qualified service personnel.

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## 1.5 Standards and Conformity Compliance

### Declaration of Conformity

This equipment is in compliance 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/en/support/product-documentation>.

### 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 of this product might be necessary. For more information about perchlorate and best management practices for perchlorate-containing substances, see <http://www.dtsc.ca.gov/HazardousWaste/Perchlorate/index.cfm>.

### Brazil Conformity

Para maiores informações, consulte o site da Anatel: [www.gov.br/anatel/pt-br](http://www.gov.br/anatel/pt-br)

For more information, consult the Anatel website: [www.gov.br/anatel/pt-br](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.

### 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



## 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. Once 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 insuring 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 accompanied the transceiver prior to 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:

Danger of explosion if battery is incorrectly replaced. Use the same type of battery or an equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

#### Norge

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

#### Sverige

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

#### Danmark

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

#### Suomi

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

Litiumbatteri — Apparatet må tilkoples jordet stikkontakt.

#### Sverige

Varning! - Apparaten skall anslutas till jordat uttag.

#### Suomi

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 interference to radio or television communications 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. Operation of this equipment in a residential area is likely to cause harmful interference in which case users will be required to correct the interference 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 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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### 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.