
Power Supply and Airflow

This article describes the AC power supply and airflow requirements for CSG300 appliances.

AC Power Supply

By default, CSG300 series appliances ship with one AC power supply unit.

If you order the CSG300 series appliance with the power-over-Ethernet (PoE) NIC module, an additional power supply unit ships with the appliance.

Table 1 describes the AC power supply specifications for each power supply unit.

Table 1: CSG300 AC Power Supply Specifications

Item	Specification
AC input voltage	100–240 Volts
AC input line frequency	50–60 Hz
Typical power consumption with PoE disabled	35 Watts
Typical power consumption with PoE enabled	60 Watts

Airflow Requirements

The CSG300 series appliance is made of aluminum for optimal heat dissipation.

The appliance is cooled by a fan.

When planning your site for installing a CSG300 series appliance in a 19-inch rack, keep in mind that the front side of the rack is the cool area, and the rear side is where hot air exits from the fan. Ensure that there is space on the rear side of the appliance to allow air to exit from the fan.

When placing a CSG300 series appliance on a desk, ensure that there is space on the rear side of the appliance to allow air to exit from the fan. Also ensure that the vents on the side of the unit are never blocked, to allow hot air to flow out of the appliance. Covering the vents prevents heat from dissipating out of the appliance, which can cause the chassis to overheat and then shut down.
