
Power Supply and Airflow

This article describes the AC power supply and airflow requirements for Cloud Services Gateway (CSG) 2500 appliances.

AC Power Supply

By default, CSG2500 appliances ship with AC redundant and hot-swappable power supply units (PSUs). These modular power supply units that can be removed from the appliance.

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

Table 1: CSG2500 AC Power Supply Specifications

Item	Specification
AC input voltage	100–240 V
AC input line frequency	50–60 Hz
Power type	Field replaceable 1+1 redundant
PSU	Field replaceable unit (FRU) 650 W, hot-swappable

Airflow Requirements

The CSG2500 series appliances have 2+1 redundant fans, which are hot swappable in the field. The fans provide front-to-back cooling.

When planning your site for installing a CSG2500 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 CSG2500 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.