

A-Core Container

Can an outdoor power supply be placed vertically



Overview

In some cases, vertical mounting of power supplies is permitted as long as you reduce the amount of power that will be drawn from the supply. This is referred to as “Derating” the power supply. Can a power supply be mounted in a different direction?

Use the Power Supply in the standard mounting to enable proper heat dissipation. If the Power Supply is mounted in a direction other than the standard mounting direction, the internal temperature of the Power Supply will increase by poor heat dissipation performance . This may cause the Power Supply to fail.

Where should a power supply be mounted?

The best way to mount this supply is on a side wall of your main enclosure, with connectors on left or right side, so the air can flow more freely in vertical direction through venting holes. Do you have this power supply in your hands?

Are the power FETs heatsunk to the metal enclosure?

(It's hard to glean that from the picture in the datasheet.).

Can a power supply be mounted on a pole?

At mid-span. a minimum of 12" of separation must be maintained between any other cables. At the pole support, a 12" separation must be maintained between Licensee and any other connection. No communications power supply shall be mounted on poles except by permission of Utility.

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