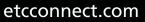
EchoConnect Station Power Supply Design Guide







Scan for more information





Echo Control Products



Echo Output Products

*Includes optional power supply; see next page for details



Echo Power Supplies

Standalone Power Supplies



Echo Power Controllers With Power Supplies

Room Controller







Count:

Count:

Echo System Summary



Echo System Status

Project Information

Project Name:

Project Location:

Date:

Designed By:

Notes:

Echo Frequently Asked Questions

- Q: EchoConnect power supplies are measured in "U"s. What's a "U"?
- A: A "U" is a unit of power measurement. A unit counts as one control product and one output product. For example, a 6U power supply would power 6 control products and 6 output products.

Q: When should I use a 6U vs a 16U power supply?

A: If you have more than 6 control products (stations, sensors, access, etc.) or more than 6 output products (zone controllers, panels, DMX Scene, etc.)

Q: When do I need Aux power?

A: If you have a TimeClock, EchoAccess, DMX Scene Controller, Echo-Echoflex Interface, Echo Contact Interface, BACnet Interface, Integration Interface, Echo Expansion Bridge or EchoTouch you need an Aux power unit.

Q: Do I have to use ETC's EchoConnect Station Power Supplies?

A: Yes. An EchoConnect power supply is required in all Echo systems.

Q: Do I have to use ETC's 24V Aux for auxiliary Power?

A: No. Any 24 volt power supply will work. It is not required to be provided by ETC but it is required by the products.

Q: What does it mean that EchoAccess is a bonus power-wise?

A: The first EchoAccess in a system does not count against your power supply count. So you can have 7 stations on a 6U power supply if one is an EchoAccess station.

Q: Can I use more than one power supply?

A: Without an Expansion Bridge, no. Only one power supply may be used at a time. Output products that also have power supplies in them have the option to have the power supply turned off.

Q: What if I need more than 16 stations?

A: Add an Echo Expansion Bridge! That will give you a new max of 64U. But remember, you'll still need power supplies to account for all the products.

Q: Why isn't my Room Controller Counting as a power supply in the Echo System Summary?

A: Make sure you've added in the Echo Power Supply Section too!

Q: Does ETC offer wall mount power supply options?

A: We do! In the form of our E-SPS-DIN Mk2 power supply and a DIN8 enclosure. This option can be purchased as a single unit with part number 7186K1232. Alternatively, ETC offers a number of DIN rail mounting options in both wall mount and rack mount. The E-SPS-DIN Mk2 pairs perfectly with any of those options.



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