



# Ups power consumption

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Several factors play a role in determining the power consumption of a UPS:

How Much Power Will Your UPS Use? Choose the right UPS, uninterruptible power supply, based on your total power consumption, Eaton UPS Selector.

Figure out how much power you are consuming. Try our Uninterruptible Power Supply Calculator and Selector Tool.

Find the perfect UPS system in two easy steps! Calculate the total power consumption of connected devices then choose a runtime so get your recommendations.

Find the right UPS to protect your servers, switches, routers and networking devices in distributed IT and edge environment (single phase power up to 20 kVA).

Figure out how much power you are consuming. Try our Uninterruptible ...

We have 6 Dell PowerEdge T430 servers with 2 750W PSU on each server (one connected to the wall socket and one to a UPS system)

I've checked in a few vendors automated calculators and each one gave me a different result.

I do know the basics about Amps, Volts, and Watts but can not figure out how to do this calculation.

Alternatively, you can bounce your requirements off of our application engineers & they can put together a few possible solutions for you to pick from (p.m. and I can set up an intro, or you can fill out the contact form here ). This is an easy & free way to offload some of the work and get expert input.

Alternatively, you could go the route of splitting the load across smaller UPS systems. This would open the door to 120 volt UPS options, and theoretically eliminate single points of failure. For servers like this, I generally encourage people to go the online UPS route, but once you are in that lower capacity range, some lower cost line interactive units become feasible too.

Side note: I'd encourage you to consider adding UPS backup on both of the power supplies if at all possible given your budget.

Contact us for free full report



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