

How to Choose an AC DC Integrated Data Center Rack

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Call your distributors and see if they have warehoused options on the equipment you need in either AC or DC versions. The queues on most equipment might help you drive your decision. So depending ...

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Data centers adopted many things from telecoms, most notably the ubiquitous 19-inch rack, which was standardized by AT& T way back in 1922. Now, those racks hold electronic systems ...

Using DC power in a data center can help eliminate conversion steps, increase efficiency and lower electricity costs. Click on these links for a line interactive UPS from companies such as ...

In this white paper, I will compare the different options and their advantages and disadvantages. One major issue to consider when designing a power supply for server and switch applications is heat.

Most data centers use alternating current (AC) power, though telecommunications companies typically use direct current (DC) power. There are pros and cons to ...

Data center managers can boost power efficiency in a variety of ways. The system configuration in figure 1, which is representative of most North American data centers today, serves as a baseline scenario ...

The videos below, produced by Berkeley Lab, provide an in-depth overview of how direct current power can be deployed in your data center to achieve gains in energy efficiency.

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