

# 400V Data Center Racks for Mountainous Areas



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### [OCP Mt. Diablo Disaggregated Power Rack Spec Aims to](#)

If a MW rack is going to happen, developing an open, vendor-neutral specification for high-powered racks under the auspices of OCP is the right approach.

### [APC NetShelter Rack PDU Advanced, Switched Metered Outlet,](#)

For data center deployments across multiple regions, these PDUs are both UL and CE rated providing one PDU that can be used globally to simplify and standardize deployment.



### [Disaggregating Power in Data Centers , Vicor](#)

To increase compute density and to deal effectively with the prospect of racks that consume up to 140kW or more, hyperscalers are now advocating an evolution to 400V DC distribution to next

### **Mt Diablo**

Traditional rack solutions integrate the power and server infrastructure in a single rack, but with Mt. Diablo we are moving all the power conversion into a separate disaggregated power rack.





## Diablo 400 Project: Rack and Power

Currently three companies have worked together to provide a high-level overview of the Diablo 400V architecture. The goal is to standardize items such as, high voltage connectors and

## NETSURE 400V DC POWER SOLUTIONS

NetSure™ 700 Series with 400V DC Input 8V DC near the equipment loads. This lets you use existing 48V DC equipment loads while gaining the copper-saving benefit of 400V DC



## [NetSure 400V DC Power \(HVDC\) , Vertiv DC Power](#)

Increase efficiency and reliability of your telecom and data center sites with the NetSure 400 VDC Power Series.

## Rack Power Distribution Unit (rPDU)

With the toolless design and custom bracket, Delta's rPDU series are the most adaptable to the use of multifarious rack cabinets. Delta rPDUs conserve valuable rack space, thanks to the Zero-U vertical



## [APC NetShelter Rack PDU Advanced, Switched](#)

For data center deployments across multiple regions, these



## [Server Racks to Data Center Design at Rackmount Solutions](#)

Call, click or chat with our in-house team for a fast quote or help designing a custom rack solution. From cage nuts, to data center design, we do it all at Rackmount Solutions.



## [HVDC Power for AI Data Centers: 400V and 800V Design](#)

Explore 400V and 800V HVDC architectures for AI data centers to cut losses, boost efficiency, simplify distribution, and scale power.

## [Revolutionizing AI Data Centers: Is 400V DC the Future or](#)

The adoption of 400V DC architecture for powering server racks in data centers represents a significant evolution in power distribution, particularly driven by the escalating demands



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