POWER INFRASTRUCTURE

800 V DC power distribution - Fast, reliable, compact

The Merge4™ DC platform is the first 800 V DC, pure solid-state power distribution system designed to deliver physical AI to the power layer. The PM50 rack mount provides high-resolution monitoring and control for real-time sensing, learning, and action. The Merge4™ DC PDU holds seven stackable PM50s, and the power rows scale the physical AI system from MW to GW facilities.

Benefits
- Scalable solution
- 10,000x faster than mechanical switches
- 100 kHz monitoring
- +/- 400/800 V DC

Highlight products
- DC solid-state PM50
- DC solid-state power distribution unit (PDU)
- DC intelligent power rows

Applications
- Data centers – both new and existing
- Hyperscalers
- Neoclouds
- EPCs & EDFs
- C&I microgrids

Merge4 DC Solid-State PM50
The building block of intelligent distribution



Up to 7 PM50 modules per PDU

Merge4 DC Solid-State PDU
Power racks built for density and speed



Repeatable rows of PDUs scale to server load

Merge4 DC Intelligent Power Row
One end-to-end DC solution, from power input to server rack



Scan for more information