

As technology advances, data centers are evolving for real-time efficiency, driven by the rise of AI application and the need for faster data handling.

Supercapacitors

in Al Datacenters



AI Data center capacity is growing fast.



43% Al data center capacity annual growth through 2028



Source: Moody's, IDC

Data center power consumption by providers/ enterprises, gigawatts





XLHV modules for utility stress reduction.



4 XLHV 144 V modules in series to provide 375 kW pulse and 450 kW recharge Utility stress reduced from 750 kW to 75 kW



Resulting power profiles Load: 750 kW to 1.5 MW Utility: 1.125 MW to 1.20 MW Supercap: -450 kW to 375 kW

Eaton's supercapacitors ensure efficient and stable power management, crucial for the high demands of AI datacenters.

For more information, visit Eaton.com/electronics



Website



Contact



Sample