



ENVAULT- the energy storage system

ENVAULT is the modular, scalable energy storage solution for medium to large applications for utility companies, microgrids and large industrial plants, offering maximum safety without the risk of overheating and seamless expandability.

ENVAULT - the modular electrostatic energy storage system



Applications:

-  Emergency Backup
-  Data Center
-  Battery Cluster
-  Industry
-  Others

ENVAULT – One platform - many possibilities

- ✓ Up to 437 kWh per module
- ✓ 1.000 - 1.500 V (DC)
- ✓ Modular, pre-assembled system
- ✓ Thermal insulation coating
- ✓ Over 95% RTE
- ✓ Min. 25 years lifespan (storage)
- ✓ Minimal degradation (depending on use)
- ✓ Up to 4 cycles per day possible
- ✓ Up to 2C discharge power possible

Performance values:

- ✓ Fully integrated modular container system
- ✓ Storage capacity 5 MW/h with 40 ft platform
- ✓ Ideal for industrial applications
- ✓ Up to 4 charging cycles per day possible
- ✓ Efficiency (RTE): AC-AC >95%, DC-DC >97%

Be- und Entladefähigkeit:

-  0,25 C
-  0,5 C
-  1 C standard
-  2 C extended