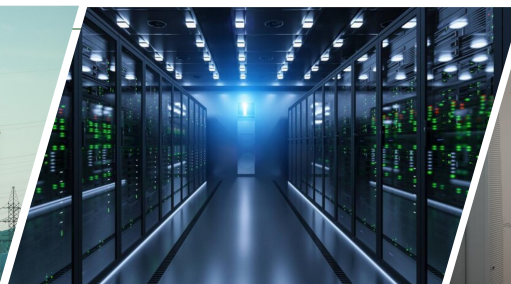


ENVAULT

Model No: ENV-437kWh-1150V-1C



ENVAULT by Enercap is a modular energy storage cabinet engineered for outdoor and utility-scale applications. It features a rugged, skid-mountable design and comes in pre-assembled units for rapid installation and efficient deployment. ENVAULT utilizes solid-state, electrostatic technology through ENCAP hybrid-graphene energy storage and incorporates a thermal insulation coating, and includes ENCONTACTOR protection for enhanced safety and performance.

APPLICATIONS



Data Center



Emergency Backup



Utilities



Peak Shaving



Technical Specifications

Storage Capacity	Up to 437kWh
Voltage Range	1000 – 1500V _{DC}

Features

Round Trip Efficiency	>95% (AC to AC)
Discharge Capability	1C (Standard), 2C (Optional)
Design Life	25 Years (Near zero degradation)
Deployment	Up to 12 units per 40-ft skid
Communication	CAN-based