

5 MWh DC Block

TITAN



Grid-Scale Energy Storage

Built for the infrastructure that holds the country together. SECI tenders. State DISCOM stabilisation. Renewable integration at a scale where performance is measured in years, not months, and where a system failure is not an operational inconvenience - it is a grid event. Every TITAN deployment carries the same promise as every CORE: 72-hour module replacement, anywhere in India, for 10 years, with no fine print. At grid scale, that level of commitment is not standard in this market.

At EVault, it is the minimum.

High Safety - Multi-layer fire protection

PACK-level and cabin-level gas fire suppression, cabin-level water extinguishing, and aerosol fire suppression for electrical cabinets. Not one system. Three.

Easy O&M - Front-access design

Front-access maintenance, quick module replacement, intelligent control management. Reduced operational costs over the 10-year service life - because the total cost of ownership matters more than the purchase price.

High Energy Density

Compact 20-foot container design with precise liquid cooling for long life. 5 MWh in a standard footprint - deployable at DISCOM substations without additional civil works.

High Intelligence - Integrated BMS/PCS/EMS

Integrated BMS, PCS, and EMS data supporting real-time failure diagnosis and prediction. The system knows before the operator knows.

Battery System	Cell type	LFP 3.2V / 314 Ah
	Battery capacity	5 MWh DC Block
	Rated Voltage	1,331.2 V
	C-Rate	<= 0.5P
	Discharge Efficiency	94%
	DoD	90% (adjustable 0-100%)
	Cycle Life	>= 8,000 cycles
Protection & Environment	IP Rating	IP55 (Pack IP67)
	Operating Temperature Range	Charge: 0 deg C to 55 deg C Discharge: -20 deg C to 55 deg C
	Fire Protection System	Fire aerosol + water spray (pack and container-level)
	Cooling Method	Intelligent liquid cooling
	Altitude	3,000 m (derating above 2,000 m)
Communication & Compliance	Communication Protocols	CAN / RS485 / LAN
	Compliance	IEC 62933-5-1, IEC 62933-5-2, UL 9540A, IEC 62619
	Weight	~ 43 T
	Dimensions	6,058 x 2,438 x 2,896 mm (20-ft container)