

INEDGE VAULT

C5016

5.016MWh liquid-cooled energy storage container engineered for utility-scale renewable integration, grid dispatch, and high-density outdoor deployment.



5.016MWh	SYSTEM CAPACITY
0.5CP	RATED C-RATE
20 ft	CONTAINER

Technical Specifications

ITEM	PARAMETER
Battery type	LFP, 3.2V / 314Ah
System capacity	5.016MWh (20 ft container)
Rated C-rate	0.5CP
DC voltage range	1123-1500Vdc
DC efficiency	>=94% @ 0.5CP
Cooling method	Intelligent liquid cooling
Cell temperature difference	<=3 C
Fire suppression	Gas suppression, smart alarm, combustible-gas detection, explosion-proof ventilation and relief, optional pack-level suppression, reserved dry water-fire pipeline
Compliance	GB/T 36276, IEC 62619, UL 9540, UL 9540A, UL 1973, UN 38.3
Dimensions (L x W x H)	6058 x 2438 x 2896mm
Weight	42t