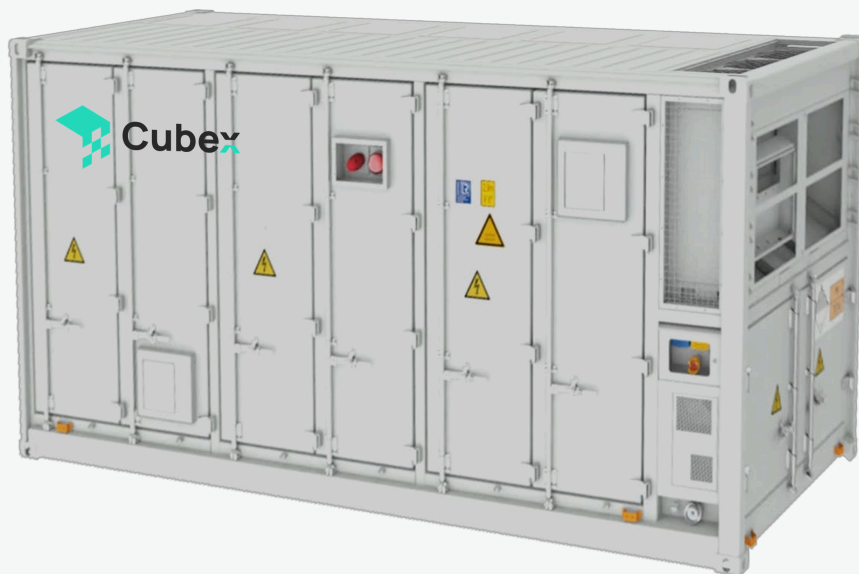


CONTAINER BESS · DC BLOCK

Cubex - 5000 - DC

5 MWh in one 20 ft container

A pre-integrated, liquid-cooled DC block for utility and C&I sites: 314 Ah cells in a 12P416S layout with layered fire protection, rated for -30 to +55 °C and C5 corrosive environments.


5.015 MWh

Rated capacity

2507 kW

Rated power

1331.2 V

Rated voltage (DC)

IP55 · C5

Protection grade

ELECTRICAL

Cell configuration	12P416S
Rated capacity	5.015 MWh
Cell capacity	314 Ah
Rated power	2507 kW
Rated voltage	1331.2 V DC

ENVIRONMENT

Temperature	-30 to +55 °C
Humidity	0-95 % RH, non-condensing
Altitude	≤ 3000 m, derated above

STANDARDS

IEC 62619 IEC 63056 IEC 60730 EN 61000-6-2/-4 IEC 62477-1 IEC 62933-5-2 IEC 62040-1
IEC 60529 UN 38.3 UN 3480 / UN 3536 UL 9540A

SAFETY & THERMAL

Cooling	Liquid
Fire suppression	Aerosol + water + Ex-proof fan
Ingress protection	IP55
Anti-corrosion grade	C5

MECHANICAL & INTERFACE

Communication	CAN, RS485, Ethernet
W × D × H	6058 × 2438 × 2896 mm
Weight	42 ± 1 t