

The Vault 500 Containerized Battery Storage System



Kronus Engineering's scalable containerized battery storage system is unparalleled.

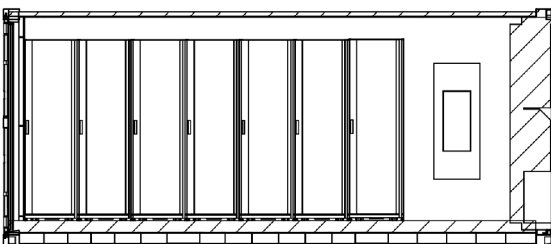
System Highlights

Maximum Energy:	644 kWh
Maximum Power:	640 kW
Energy:	KORE Mark One
Control:	Ageto
Power:	Oztek
Connectivity:	Integration with onsite solar
Certifications:	UL 1973, UL 9540a, UL 1741, IEEE 1547, IEC 62619, CEC listed
O&M:	Simple & safe maintenance
Container:	20ft weatherized shipping container

The Vault 500 was developed to provide a durable, customizable, and safe containerized energy storage system to help sites reduce grid reliance.

A modular design enables the energy solution to meet a range of unique load requirements, including those of utilities and IPPs.

Leveraging KORE Power's Mark One battery modules and BMS, the Vault500 is built using advanced industry technology ensuring reliability and high performance.





The Vault 500 Specifications

Categories	Specifications	
Nominal Specs	Volts	208/480VAC
	kW	up to 640 kW
	kWh	up to 644 kWh
	Phase	split or 3 phase
System Output	AC output voltage range	208-480VAC
	AC Frequency	50/60Hz
	Max Charge-Discharge Rate	1C
Storage	Type	Lithium - NMC
	Nominal Capacity	up to 644 kWh
	Charge Time	1hr
	Recommended Operating Voltage Range	615-820 VDC
	Expected Cycle life (to 80% original capacity)	4,000
Environmental	Water/ IP rating	IP66
	Temperature Control	Heating and Air Conditioning
	Operating Temp Range	-40°C to 45°C
Mechanical	Container size	10ft or 20 ft container
	Dimensions LxWxH	8ft wide x 8.5ft tall x 20ft long
	Weight	up to 15,000 lbs
	Lift Points	Forklift or Crane
Safety	UL Certification	UL 1973, UL 9540a, UL 1741, IEEE 1547, IEC 62619, CEC listed
Additional Add-ons	Control Panel	Touch Screen w/ Web Interface
	Power Generation Integration	Wind/ solar/ generator
	Remote Comms	CANbus/ Ethernet/ RS485

