

INTEGRATED GRID SCALE ENERGY STORAGE



2.58MW/5.015MWh



*This for illustration only. The detail refer to specification.



Easy to Install

- Provided wiring harness and battery integration cabinet allows you to go from installation to commissioning in just a few hours.
- 20ft enclosures are easy to ship and maneuver into place.



Environmental Adaptability

- Designed to withstand windy and sandy conditions with IP54-rated container and IP67-rated battery pack.
- Engineered for industrial areas with C4 anti-corrosion design.



Efficient Management

BMS and PCS support communication with third-party EMS enabling digital intelligent operation and control.



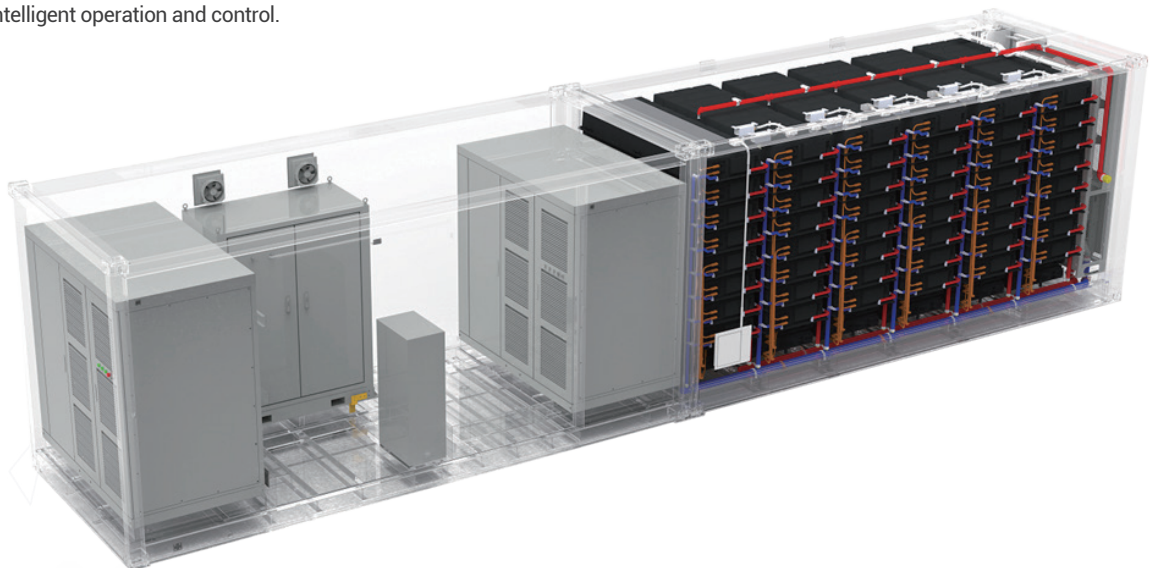
Easy to Live With

- Field replaceable PCS units make maintenance and repairs quick.
- Liquid cooling extends battery life and performance.
- PCS is capable of grid forming.
- 2hr or 4hr discharge.



Premium Safety and Reliability

- The liquid-cooled temperature control system offers real-time, balanced, and efficient operation.
- State-of-the-art fire mitigation & suppression system.
- Designed to save energy, extend battery life, and enhance safety.



System Model	Epoch-S2580/5015-40L
DC Side Parameters	
Cell type	LFP314
Pack configuration	1P104S
Cluster configuration	1P104S / 4 packs
System configuration	12*1P416S
Normal voltage	5015kWh
Voltage range	1040~1518.4Vdc
Charge discharge rate	0.5C or 0.25C
AC Side Parameters	
Rated power	2580kVA
AC voltage	690Vac/586~759Vac
Grid frequency	50/60Hz±3Hz
AC access method	3P4W+PE
Power factor	-1~1
Maximum THD	< 3%(@rate power)
System Parameters	
Size (W*D*H)	12192mm*2438mm*2896mm
Weight	54t
IP level	IP54
Working altitude	No downgrading below 3000 meters
Operating temperature	-20°C~55°C
Operating noise	≤75dB(A)
Cooling method	Intelligent liquid cooling
Fire protection system	Cabin level aerosol + Water spray fire protection
Communication protocol	CAN, Modbus TCP/IP
Certificate	GB/T36276, GB/T34131, UL9540, UL1973, UL9540A

Disclaimer: © LEOCH. All rights reserved. Trademarks and logos are the property of LEOCH and its affiliates unless otherwise noted.
Subject to revisions without prior notice E&OE.