

C&I BESS SOLUTION

EESB-LI418-02ULO



KEY FEATURES



All-in-one design



Remote operation and maintenance (OTA upgrade)



Data storage (Fault recording)



Safer (cluster level/PCS/high voltage box/distribution box four-level protection)

AUX GROUP

Established in 1986, AUX Group is an enterprise which covers 5 industries. It ranked China's top 500 enterprises for consecutive years, 40000+ employees keep AUX fast development for recent years.

40 Years
History

\$11.8 Billion
Revenue in 2025

5
Business Industries

\$ 9.6 Billion
Assets

500
China's Top

40000+
Employees

AUXSOL

WIN A GREEN FUTURE TOGETHER

Ningbo AUX Solar Import & Export Co., Ltd.

No.17 Fenglin Road, Cicheng Town, Jiangbei District, Ningbo City, zhejiang Province, China



✉ info@auxsol.com
🌐 www.auxsol.com
☎ +86 0574-8765 2201

EESB-LI418-02ULO

DC SIDE	
Cell Type	LFP 3.2V/314Ah
Battery Pack Configuration	1P52S/52.25kWh
Battery System Configuration	1P416S
Battery Voltage Range	DC 1160V ~ DC 1497.6V
Battery System Capacity	418kWh
Discharge Rate	≤0.5P
AC SIDE	
PCS Power	209KW
PCS Cooling Method	Air Cooling
AC Side Voltage	690V AC, -15% ~ +10%
AC Wiring Method	Three-phase Three-wire
Power Factor	-1 (leading) ~ 1 (lagging)
THDi (at Rated Power)	<3%
Incoming Line Method	Bottom Incoming of Cabinet
SYSTEM PARAMETERS	
Thermal Management Method	Liquid Cooling
Fire Protection System	Perfluorohexanone or Aerosol + Water Fire Protection Interface
Protection Degree	Battery Compartment: IP65; Electrical Compartment: IP54
Corrosion Protection Class	C4
Allowable Ambient Temperature	-20 °C ~ 50 °C (Derating when >45 °C)
Allowable Ambient Humidity	0 ~ 95%RH (No Condensation)
Noise	≤75dB
Communication Method	CAN / Ethernet
Overall Dimensions (L×W×H)	1320mm × 1400mm × 2350mm
Weight	Approx. 3800kg
Maximum Operating Altitude	≤2000m (Derating when >2000m)
System Efficiency	≥87% (Measured at 690V side under 0.5P)