



**MBT-SEETEL**  
ENERGY

# CX-261

C&I All-in-One Energy Storage System



## Safe & Reliable

- Liquid cooled pack, cell special designed for battery storage.
- High protection degree with IP67 pack and IP55 system.
- Equipped with fire suppression system.
- Multi-level electrical safety.



## Flexible Configuration

- Various application scenarios.
- Transportation with forklift or crane.
- Self-developed EMS, supports customization.



## Highly Integrated

- Space saving all-in-one design.
- Modular design, easy maintenance.
- Supports capacity expansion via parallel connection.



## Smart Maintenance

- System running state monitoring in real time, ensure system safety.
- Intelligent management of charging and discharging, save the costs.

# Product Structure



# Product Specifications

System parameter	
Nominal voltage	380-480 VAC, 3-phase, 50 / 60 Hz
System configuration	1P260S
Rated power	135 kW
System nominal energy	261 kWh
Dimensions (L*W*H)	1120*1350*2420mm(Including the height of the vent plate)
Weight	2600 kg
Protection degree	IP55
Ambient temperature range	-30 °C – 50 °C (>45 °C derating)
Humidity	≤95% (no condensation)
Altitude	≤3000 m (>2000 m derating)
Cooling method	PCS air cooling + battery liquid cooling
Fire suppression system	Aerosol, Smoke detectors, Heat detectors, Li-ion detectors
Communication interface	RS485 / Ethernet (reserved)
Communication protocol	Modbus / MQTT (supports protocol customization)
Noise	≤ 50 dB
Cell parameter	
Rated capacity	314 Ah
Rated energy	1004.8 Wh
Dimension	71.95*174.8*207.1 mm
Pack parameters	
Configuration	1P52S
Nominal voltage	166.4 Vdc
Nominal energy	52.2 kWh
Dimension	800*1152*237 mm
Weight	Approx. 340 kg
System components	
Pack	5 sets
Battery management system	1 set
Fire suppression system	1 set
Chiller	1 set, 5 kW
Cabinet	1 set
PCS	1 set, 135 kW
Battery control box	1 set
EMS	1 set

# PCS Technical Specifications

DC Side	
Operating voltage range	600 – 1000 V
Full load voltage range	720~950 V
Rated direct current	198A
AC Side	
Nominal output power	135 kW
Nominal current	180 A
Power factor	-1 ~ +1
Total harmonic distortion	≤3% @rated power

# Chiller Technical Specifications

Nominal voltage	220V, 480V
Nominal frequency	50 / 60 Hz
Cooling capacity	5 kW @45°C ambient temperature, 18°C coolant output
Heating capacity	2 kW
Working temperature	-30 °C – 50 °C
Working humidity	5-95%
Storage temperature	-30 °C – 50 °C
Storage humidity	5-95%
Flow rate	46.5 L/min@60 kPa
Transport performance	can adapt to land transport, air transport and sea transport
Liquid coolant	50% Glycol aqueous solution
Ingress protection	IPX5



## Contact Us

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