

SAFETY CARD - INFO SIDE

CESS All-in-one 209-104 | 261-125 | 314-125

CELL

POWER

System version: 2.3

Card revision: A

Contact information

During office hours
Monday to Friday, 8:30 - 17:00 CET
+31 (0)88 514 99 02

During an emergency
Call 112 to contact the fire department, state address and state “lithium fire”

Company: Intercel Electrification B.V.
Adress: Oudeweg 89, 2031 CC Haarlem, Netherlands
Email: storage-sales@intercel.eu
Website: www.intercel.eu

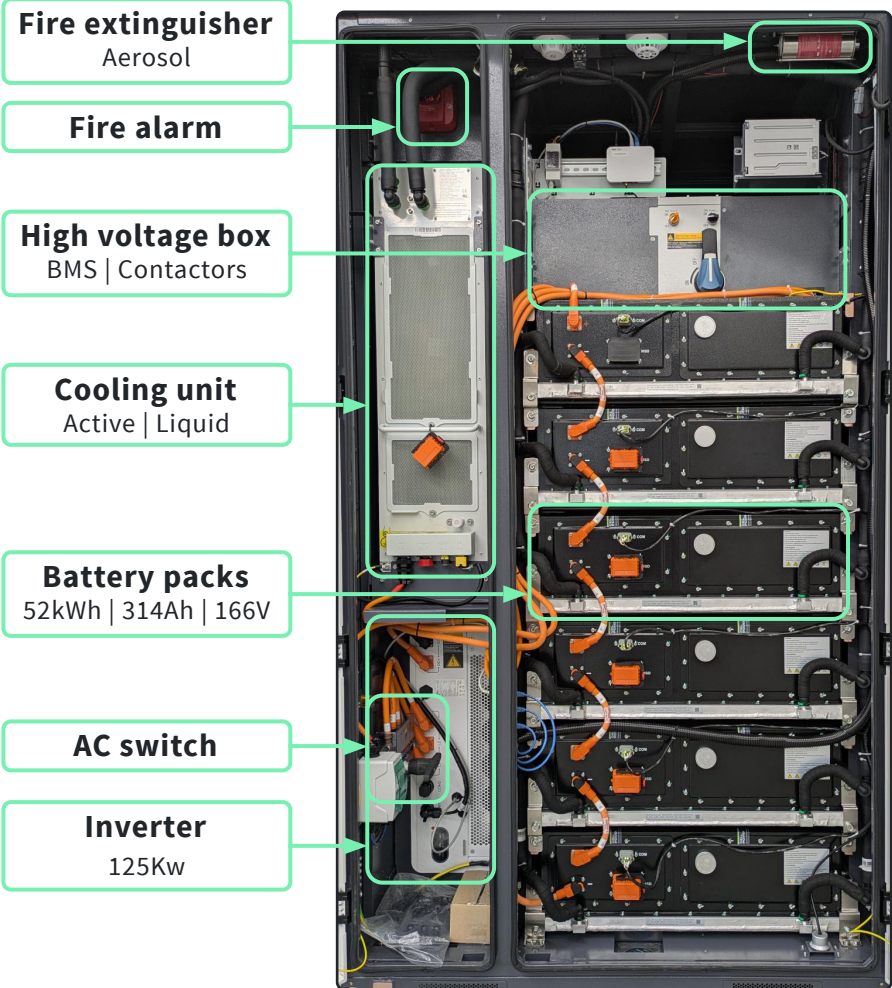
Specifications

General Type	209	261	314
Chemistry	LiFePO4	LiFePO4	LiFePO4
Hazardous substances	Lithium	Lithium	Lithium
Extinguishing agent	Water	Water	Water
Weight Kg	2600	2950	3300
Battery			
Nominal energy kWh	209	261	314
Nominal capacity Ah	314	314	314
Nominal voltage V	665	832	998
Inverter			
Nominal AC power Kw	104	125	125
Grid voltage V	400	400	400
AC current A	150	180	180

System overview

Note | The CESS 261 contains one battery module less, the CESS 209 contains two battery modules less. Removed from the top of the cabinet.

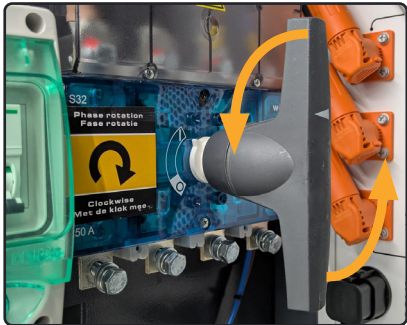
Overview | CESS 314



Emergency switch



AC switch - ON



AC switch - OFF



SAFETY CARD - RESPONS SIDE

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Dangers in case of emergency

Risk of thermal runaway
Risk of fire and/or explosions
Risk of electrical shock

Risk of smoke formation and release of hazardous gasses, H₂, HF, HCl, CO, Hydrocarbon compounds

High pressure risk in cabinet



Fire suppression and regulation

The system will automatically shutdown when critical temperatures are detected. Current running to and from the system will be cut off mechanically.

The fire alarm will trigger when smoke is detected by the system.

The Aerosol extinguisher will trigger when smoke and critical temperatures are detected.

The pressure hatch located on the roof will tear open around 0,1 bar or 10kPa internal pressure.

Emergency respons | Site personnel

Low risk	
Situation	Actions
System unresponsive	1. Turn off system according to shutdown procedure 2. Contact operator
Orange LED visible	1. Contact operator

High risk	
Situation	Actions
External hazards	1. Press emergency switch 2. Contact operator
Fire alarm active, Smoke or fire visible	1. Sound site alarm (if present) Do not approach system 2. Evacuate immediate area - 10m, or evacuate building 3. Call fire department (112) state: "lithium fire" 4. Locate the keys for the system

Emergency instruction fire department | opening the doors

1. Unscrew

Unscrew tab covering the keyhole (Torx bit 25).



2. Insert key

Insert key with marking facing up. Turn key clockwise.



3. Turn handle

Turn handle towards door. Open the door.

