



Quality.  
Experience.  
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ANNO 1885



# CoolLite

Lightweight Fridge Bodies  
for Product Distribution



Payload up to  
**900 kg**



**Zero-emission**  
refrigeration



**Mobile**  
service team

# 100% electric refrigeration with lithium batteries

Lightweight bodies with zero-emission all-electric refrigeration unit, ideal for inner-city distribution and last-mile deliveries in residential areas.

<b>Gross Vehicle Weight</b>	3,500 kg
<b>Body weight</b>	~595 kg*
<b>External dimensions</b>	L 3,727 x W 2,178 x H 2,001 mm
<b>Internal dimensions</b>	L 3,592 x W 2,033 x H 1,874 mm
<b>Internal volume</b>	13.7 m <sup>3</sup>
<b>Operating temperature</b>	+4 °C to +6 °C
<b>Refrigerant used</b>	<b>R452A</b>

- A combination of ultra-light body and lightweight chassis ensures the highest possible payload.
- Refrigeration system runs on auxiliary lithium-ion battery, charged from vehicle alternator when driving and recharged during the night, using off-peak electricity.
- High cooling capacity even under extreme conditions ensures total product protection.
- Refrigerated body is compatible both with chassis with internal combustion and electric powertrain.
- Automatic rear door was designed for efficient loading and unloading, while partial door opening maximizes the thermal efficiency of the body.
- Each body is custom-built for your business with different configurations available.

\* including subframe and cooling unit; depends on configuration



All-electric truck operating in Sweden



Partial door opening

## Standard Equipment

- Carrier / Thermo King refrigeration unit
- 2-piece swing rear door
- Rear view camera
- Internal LED lighting
- Additional reverse lighting
- Inner thermometer
- Stainless steel handle
- Non-slip rear step

# Additional Options

- 360-degree camera
- Roll-containers
- Temperature and battery monitoring system
- RFID based automatic door system
- Vehicle wrapping
- Solar panels (750-800Wp)



Full door opening



Non-slip rear step

Access controller

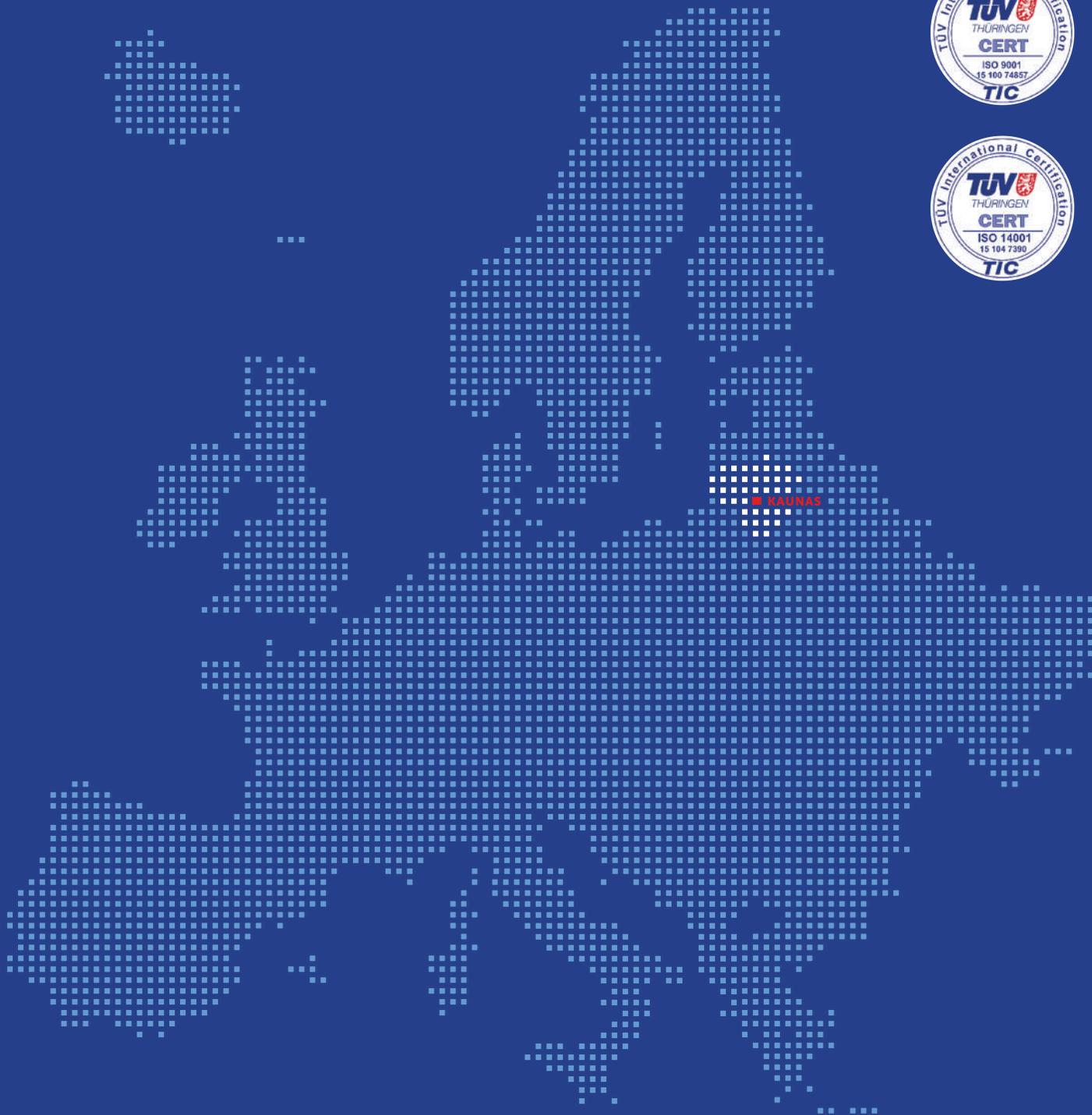


## Solar Panels

Even though lithium-ion battery provides enough energy for the whole shift, solar panels can be mounted on the roof of the vehicle to make it even more sustainable.

On a sunny summer day, solar panels can supply enough power to run the refrigeration system, leaving lithium-ion battery as a backup solution.





Discover more lightweight solutions at [www.carlsenbaltic.com](http://www.carlsenbaltic.com)

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