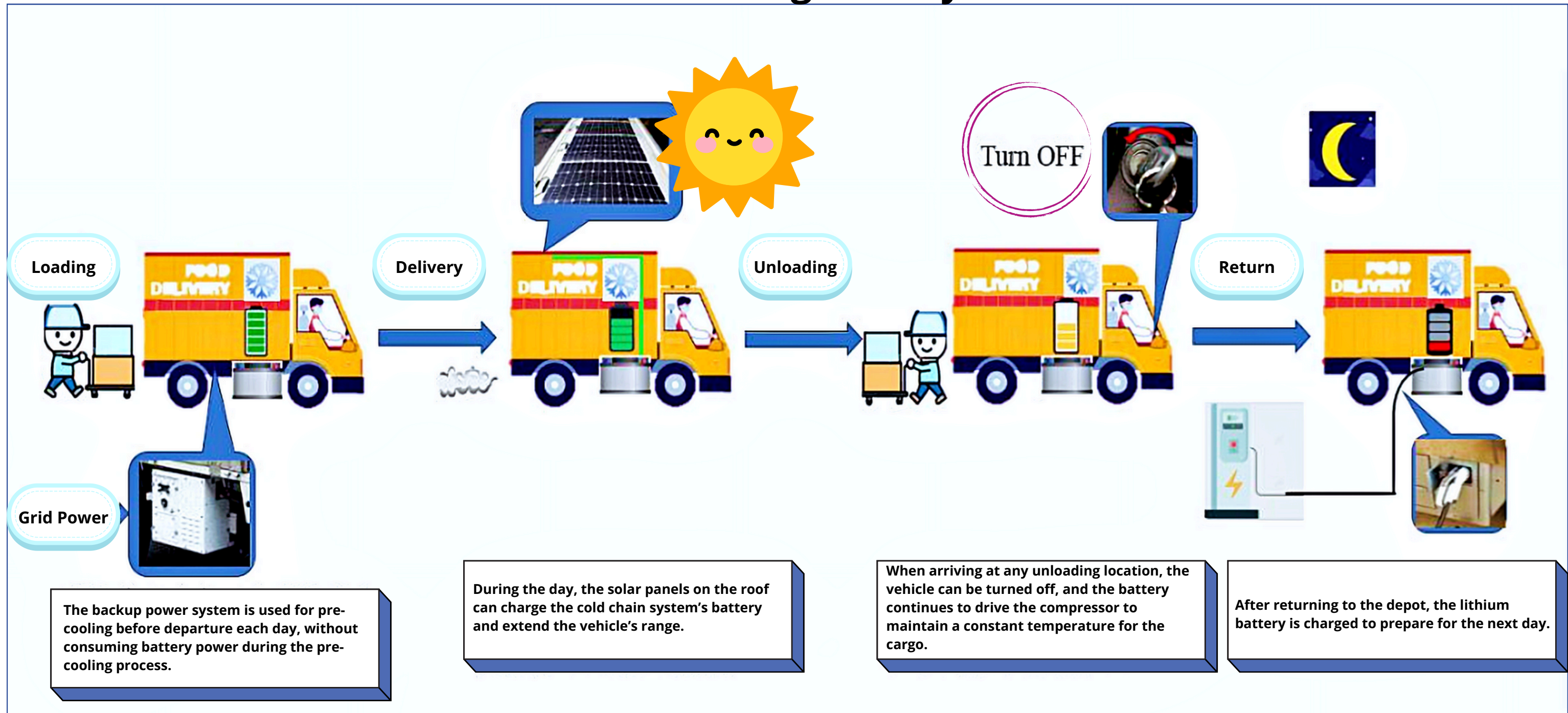


# Operational Scenario of the Green Low-Carbon Cold Chain Logistics System



## Fuel Consumption and Carbon Emission Reduction Benefits for Cold Chain Vehicles

Taking a 3.5-ton refrigerated logistics vehicle traveling less than 80 kilometers per day as an example: after retrofitting with this system, the vehicle's fuel efficiency improves from 4 km/L to 7 km/L. This results in monthly fuel cost savings of approximately NT\$4,000 to NT\$5,000, reducing fuel expenses by 40%. Emissions by approximately 4,300 to 5,700 kg CO<sub>2</sub>e per year. This not only lowers operational costs but also reduces the environmental impact.

