

Solar Truck & Van Kits



Prevents battery downtime with reliable charging

Saves **Diesel and CO₂**

Eligible for **funding**

Designed for Diesel and Electric Vans and Trucks

Available in 2 standard sizes* for 24V and 12V systems

Compatible for installation on box body, cabin or spoiler

Prevents deep discharge of the battery and support on board electrical consumers

*Kit size customization is possible upon request

SYSTEM BENEFITS AT A GLANCE

Cost savings

- From maintenance and replacement of 24V or 12V batteries
- From fuel or electric power for boardnet consumers



Reliability

- Boosts battery reliability even after long parking periods or high energy demand by electric consumers



Sustainability

- Enhanced battery life
- Diesel and CO₂ savings
- Eligible for funding for trucks over 7.5t through the environmental protection and safety funding program



Comfort

- Reduced noise and vibration
- Driver comfort by ventilation usage, without deprioritizing safety electrical consumers like lights and cameras.



FEATURES AND INCLUDED COMPONENTS



Up to 400 Wp of power through **high-efficiency flexible SILICON SOLAR PANELS** (up to 4x 1000 x 515 x 3 mm) deliver cost-free green energy.



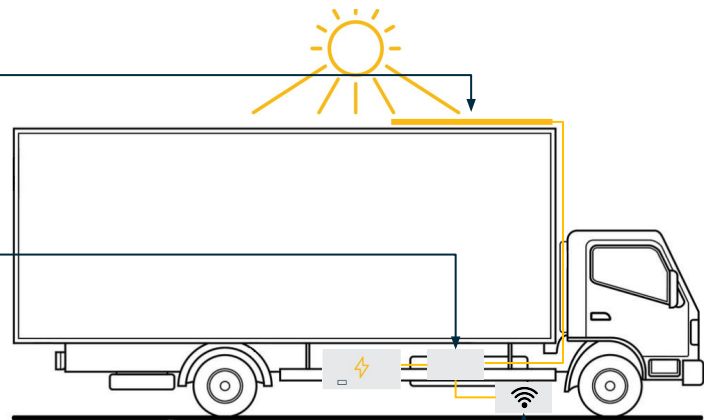
SOLAR CHARGE CONTROLLER efficiently delivers solar energy to the 24V or 12V vehicle battery, powering bordnet electric consumers.



TELEMATIC DEVICE (OPTIONAL) delivers performance data, including solar output and battery health, displayed by a **DATA DASHBOARD** available on smartphone and laptop.



CABLING from solar panels to the 12V or 24V vehicle battery, including all necessary **INSTALLATION MATERIAL**.



INSTALLATION by customer or through Sono Motors expert Service-partner Network



WHY SONO MOTORS KITS?

High-efficiency MPPT*: The charge controller adapts to rapidly changing sunlight

Small module sizes enable flexible roof layouts

ECE R 10 compatible

Fast installation time

System performance guarantee of >80% after 10 years.

System weight lower than 10 kg

Safe low voltage (<60V) across all states; no high-voltage certification needed

Installation auf 24V LKW



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* MPPT: Maximum Power Point Tracking