

SOLAR SOLUTION FOR DIESEL BUSES

Info Sheet

SONO  MOTORS




THE SOLAR BUS KIT

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Great Potential of Solar Integration for Diesel Buses

Solar integration addresses the current industry challenges:

- High energy demand for heating, ventilation, and air conditioning (HVAC) in addition to other energy consumption units
- Increasing diesel fuel prices
- Regulation of emissions for diesel systems and urban pollution



Up to 1,500 liters of diesel savings per bus per year

Up to 4 tonnes of CO₂-eq savings per bus per year

BENEFITS OF SOLAR INTEGRATION:



TOTAL COST OF OWNERSHIP (TCO)
reduced energy costs compared to diesel



SUSTAINABLE
mobile energy supply for reduced urban emissions









FUNDING
potential for government grants and subsidies

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Harness the Power of the Sun to Save on Fuel and CO₂

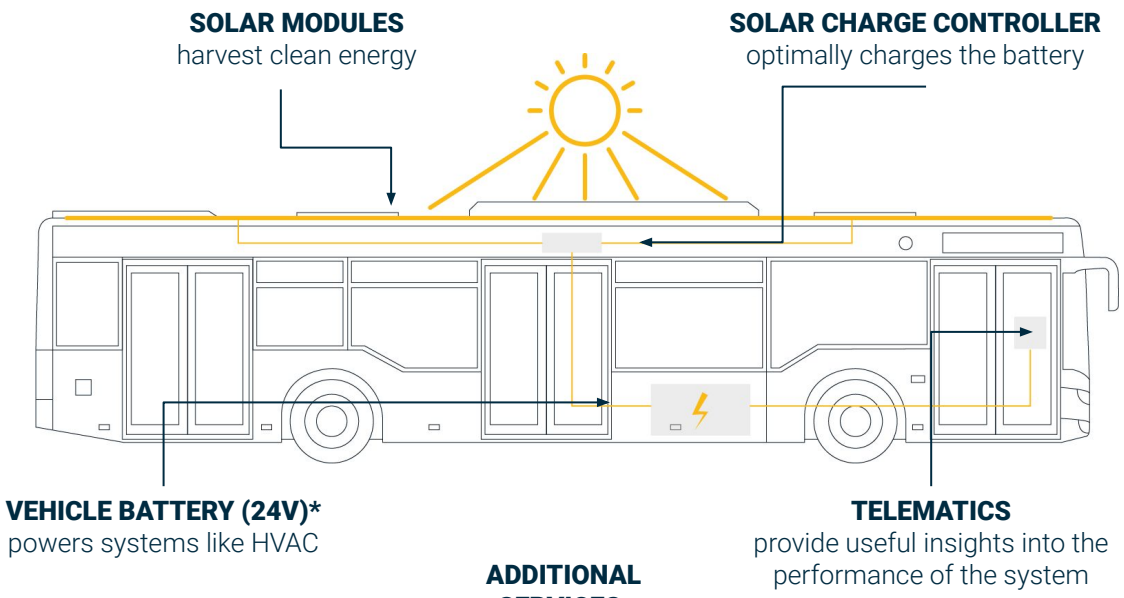
TECHNICAL HIGHLIGHTS

-  Lightweight and robust
-  Intelligent solar charge controller
-  ~1.4 kWp installation
-  Standardized for 12 m city buses
-  ~ 8 sqm of semi-flexible solar modules (3.5 mm)
-  Fast installation time per bus

ENERGY EARNINGS & SAVINGS*

-  3.8 kWh (average), 5.2 kWh (summer average) in Munich
-  Expected Return On Investment (ROI): ~ 3-4 years
-  up to 1,500 L diesel savings per bus/ year
-  Possible subsidies & government grants
-  up to 4,000 kg CO₂ savings per bus/ year

FUNCTIONALITY





ABOUT SONO MOTORS

Sono Motors is on a pioneering mission to accelerate the revolution of mobility by making every vehicle solar. Sono Motors' disruptive solar technology has been engineered to be seamlessly integrated into a variety of vehicle architectures — including buses, trucks, trailers, and more — to extend range and reduce fuel costs as well as the impact of CO2 emissions, paving the way for climate-friendly mobility.

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