

ELECTRIC VANS

SOLAR INTEGRATION

Info Sheet



SONO SOLAR

Significant Potential of Solar Integration for Electric Vans

SOLAR INTEGRATION ADDRESSES THE CURRENT INDUSTRY CHALLENGES:

- Range and operating hour limitations for battery-driven vehicles
- Increasing energy prices for power from the grid
- Investment costs for high speed charging infrastructure combined with personnel costs and idle time for charging

**BENEFITS OF SOLAR-INTEGRATION:****REDUCED COSTS**

of energy compared to power from the grid, thereby reduced TCO

**SUSTAINABLE**

solar energy for reduced urban emissions and extended battery lifetime

**EFFICIENT**

for extended range, longer operating hours and fewer charging cycles

UP TO 117%* ENERGY COST SAVINGS AND NO OR ONLY LIMITED CHARGING NECESSARY

UP TO 117 KM* EXTENDED RANGE PER DAY FOR AN E-VAN IN MUNICH

* Internal Calculations

SONO SOLAR

The One-Stop Shop for Solar Integration



HIGH ENERGY EARNINGS

For an electric cargo box van sides & roof:
up to 23.4 kWh/day*

* under peak conditions in Munich



LIGHT-WEIGHT

3-6 kg per sqm, with further
reductions planned



THIN SOLUTION

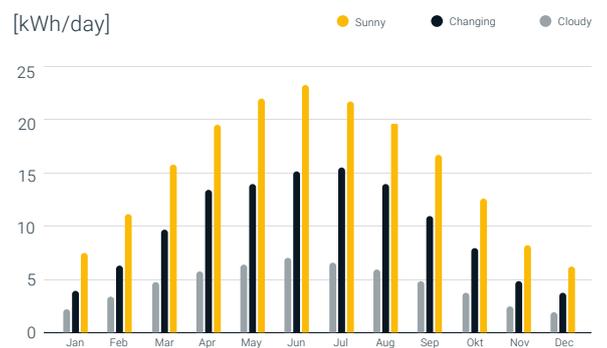
~ 3.5mm PV panels



INTELLIGENT POWER ELECTRONICS

for best-in-class energy yields

ENERGY GENERATION



UNIQUE EXPERTISE

both in automotive and photovoltaics



CUSTOMIZED INTEGRATION

with a range of PV applications

SONO SOLAR IS A ONE-STOP SHOP FOR TRANSFORMING YOUR VEHICLES INTO SOLAR ELECTRIC VEHICLES VIA THE COMBINATION OF OUR INNOVATIVE TECHNOLOGY AND EXPERTISE.

We offer a complete solution, and we partner with you from a first-step prototype to series production and after-sales service.

- Full E/E integration for charging the main battery
- High efficiency solar panels
- Intelligent power electronics
- Telematics & data service
- Customized hardware integration
- After-sales service





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, transporters, refrigerated vehicles, 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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