

LIGHT ELECTRIC VEHICLES



SOLAR INTEGRATION

Info Sheet

SONO SOLAR

Significant Potential of Solar Integration for Light Electric Vehicles

Solar Integration Addresses the Current Industry Challenges:

- Electric vehicle range limitation
- Peak energy prices
- Charging infrastructure and charging time limitations



Up to 45 km
extended range
per day

Up to 43% of
energy cost
savings compared
to the power grid

BENEFITS OF SOLAR INTEGRATION:**REDUCED COSTS**

of energy compared to the grid, thereby reduced TCO. Short routes covered with free energy.

**SUSTAINABLE**

solar energy protects the battery and extends its lifetime.

**EFFICIENT**

for extended range, longer operating hours, and fewer charging cycles.

SONO SOLAR

One-Stop Shop for Solar-Integration

**HIGH ENERGY EARNINGS**

For a light EV with 3.4 m²
cargobox roof and sides:
1.45 kWh/day or 19.3 km/day*
*under peak conditions in Munich

**LIGHT-WEIGHT**

4-6 kg per sqm,
with further reductions planned

**THIN SOLUTION**

~ 4 mm PV panels

**UNIQUE EXPERTISE**

both in automotive and photovoltaics

**INTELLIGENT POWER ELECTRONICS**

for best-in-class energy yields

**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.

- Solar Panels
- Power Electronics
- Telematics & Data Service
- Hardware Integration
- After-Sales Service

ol|jo 2018
preisträger deutscher mobilitätspreis

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ABOUT SONO MOTORS

Sono Motors is revolutionizing the future of transportation with the development of the first solar electric vehicle for the masses – the Sion. Led by our vision of a world without fossil fuels, we want to become a leading solar EV developer. Sono Motors' proprietary Solar integration is powering the transition of mobility and commercial transportation to a sustainable future.

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