

t-001

Extended-Range Electric Fleet Vehicle
Zero Compromise



Payload

Lifetime cost

Range

Emissions

1400kg payload
three standard pallets
5.2 cubic metres

Typical fuel usage at
2.8 litres/100km gives significant
operating cost savings

Over 100km in
electric mode, over
650 km total range

80% reduction in CO₂
emissions for a typical
fleet duty cycle

FILL UP or CHARGE UP

and GO!



At your regular
fuel station



At a designated
charging station

t-001

Over 650km on a single
28- litre tank

**emerald
automotive**



Designed from the ground up to meet the needs of fleet operators

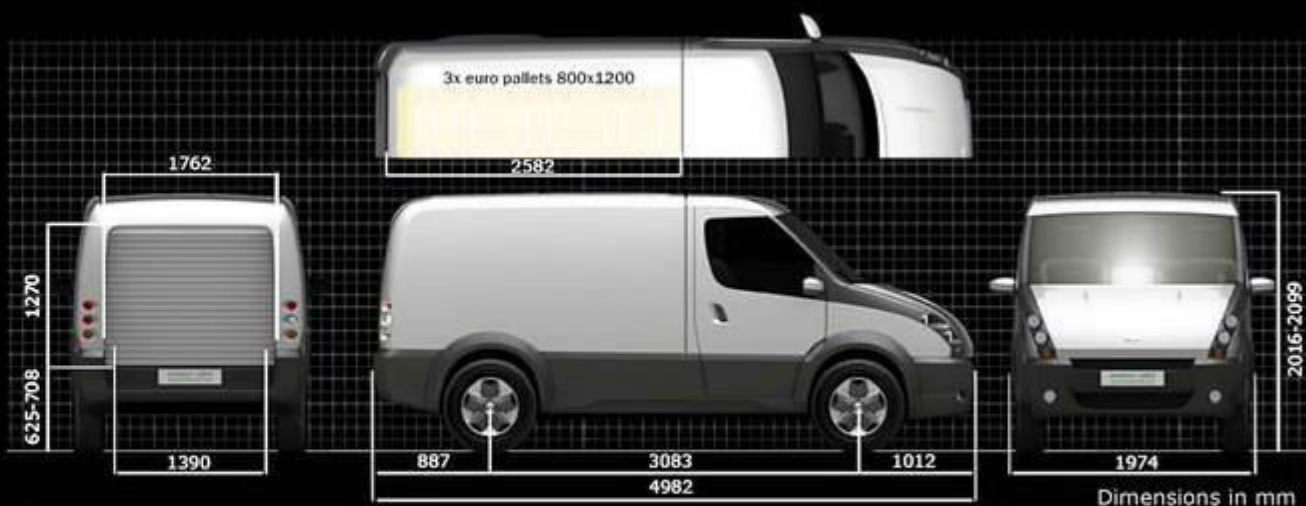
- The t-001 is an all-new, lightweight, extended-range electric vehicle (E-REV) offering a cost effective solution providing dramatically reduced fuel consumption and CO₂ emissions
- Extended-range electric powertrain allows you to charge the batteries and use all-electric drive to provide clean, cost effective energy for upto 106km. When the battery is depleted, a small 4 cylinder engine drives a generator to charge the battery, providing over 650km of range on a single 28-litre tank of fuel
- Features revolutionary technology which optimises the range-extender operation according to the planned route, driving conditions and topology

- Extensive research with fleet customers over three years has optimised the vehicle design
- Lightweight construction means significant improvements in efficiency and no compromise in payload capacity compared to conventional vehicles in this class
- Rugged design with all-round protection offering easy replacement/repair in case of damage
- Ergonomically designed around the needs of the professional operators
- The t-001 offers a significantly lower cost per kilometre than current diesel or petrol vehicles

go to www.emeraldautomotive.com today to see how much you can save

t-001 SWB Technical Specifications

Gross Vehicle Mass	3050 kg
Maximum power (continuous)	75kW/100PS
Maximum power (peak)	168kW/225PS
Onboard generator power	50kW/67PS
Nominal battery voltage	355V
Total battery capacity	25kWh
Charging (using off-board charger)	Max 10kW(3-4hrs full charge)
Max speed	128kph (81mph)
Acceleration 0-100 kph/ 0-62mph	<12 seconds
Braking	Regenerative
Body Construction	Lightweight Aluminium/Composite



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