



Vehicle management software.

Integrated software enables a range of advanced features, including ride mode selection, energy consumption monitoring, centralized key profile programming, and tracking of vehicle location and status.

Patented front suspension.

The patented front suspension of the eSled® provides an optimal riding experience in various conditions. Improved dynamics ensure precise and comfortable handling.

Safety.

On guided tours, power settings can be adjusted for inexperienced riders. The electric drivetrain allows smooth and predictable acceleration without sudden jerks or clutch engagement. A slightly more upright riding position improves ergonomics and makes the vehicle easier to control.

Tailored for professionals.

eSled® is more than an electric snowmobile. It is a complete, ready-to-operate electric guided tour ecosystem. We provide sleds, charging infrastructure, flexible financing, service, and spare parts.



Finnish.

The electric eSled® snowmobile is designed and manufactured in Finland. Patented solutions deliver premium comfort, agility, and safety.

Since 2017.

eSled® snowmobiles have been driven over 250,000 km in demanding conditions in Finnish Lapland and Svalbard, Norway. Thousands of international tourists have enjoyed a unique winter experience.

Zero emissions.

eSled® is fully emission-free. It leaves no traces of gasoline or oil behind—not even a smell on the trail. The quiet eSled® does not disturb wildlife or other outdoor enthusiasts.

100 km range – costing less than two euros on average.

eSled® stands in a class of its own in terms of efficiency. Driving 100 km on snow consumes only about 21 kWh of electricity, costing less than two euros. Maintenance needs are minimal.



AURORA
POWERTRAINS

info@AuroraPowertrains.com
Puh. +358 40 194 8416
Arctic Circle, Rovaniemi, Finland



Book eSled®
test drive



eSLED® AURORA 2026

21 kWh
275 kg

100+ km
Range

40 kW
100 km/h



www.esled.com

eSled® Aurora 2026

Technical Specifications

When you think of innovative fully electric snowmobiles, you think of eSled®.

Electric Powertrain

Type:	Axial flux, synchronous permanent magnet, 3-phase	
Peak Power:	40 kW	
Peak Torque:	140 Nm	
Drivetrain:	Direct drive, no clutch	
Final Drive:	Belt drive	

Suspension

Front Suspension:	Aurora patented	
Front Shock Absorber:	Radflo 2.0" air suspension, 1.25" shaft	
Rear Suspension:	Aurora patented	
Maximum Travel:	Front:	249 mm
	Rear:	390 mm

Features

Frame:	Aurora patented (composite, aluminum)	
Seats:	2-person	
Reverse Gear:	Yes	
Heated Grips:	Standard	
Display:	7" high-resolution display with user-friendly buttons	
Software:	Ride mode selection, GPS, online data collection and updates	
Windshield:	Available	
Top Speed	100 km/h	

Aurora Powertrains Ltd. reserves the right to modify technical specifications.

Dimensions

Overall Length:	3015 mm
Overall Width:	1283 mm
Overall Height:	1168 mm
Trail Width:	1074 mm

Battery | Range | Dry Weight

Type:	Modular lithium-ion (NMC)	
Maximum Voltage:	120 VDC	
Connector:	CCS Combo 2	
Charging Power (Type 2)	3.3 kW or 6.6 kW	
Charging Power (DC)	Up to 30 kW	
Charging Time (Type 2)	2 h 10–80 %	3,5 h 0–100 % (21 kWh)
Battery Heating:	Internal heating resistors located at the base of the module <ul style="list-style-type: none"> • While charging: grid-powered • While driving: powered by the battery 	
Cooling:	External liquid-cooled system	

Battery Capacity	Range*	Total Weight
14 kWh	60 km	235 kg
21 kWh	100+ km	275 kg

* Projected overall range achievable, assuming an average speed of 25 km/h at -25°C. Actual range may vary based on various factors and driving conditions.

Warranty

eSled® Manufacturing Warranty:
TWO (2) YEARS.

Aurora Powertrains Battery Warranty:
FIVE (5) YEARS.

Service

eSled® service centers are located at Aurora Powertrains facilities in Mikkeli and Rovaniemi, Finland. The service partner network continues to expand in Norway and Sweden—see www.esled.com for more information.

For fleet customers, on-site service at the customer's premises is also available.

eSled® software updates are delivered via cloud services.

eSled® is powered by Aurora Powertrains' proprietary battery system, purpose-built for cold climates and continuous duty.

Aurora Powertrains Ltd. operates in accordance with ISO 9001, ISO 14001, and ISO 45001 quality certifications.



Order Online
www.esled.com