



PURE SILENCE. PURE POWER.

eSled™ Aurora 2025 highlights

- Full-electric snowmobile with total range of 100 km (21 kWh).
- Zero CO2-emissions and smell.
- Turns on the silence of nature.
- Pre-series eSleds have been in use in Finnish Lapland and Norway's Svalbard since 2019.
- Thousands of global adventure travelers have driven eSled™ snowmobiles a total of over 200,000 km. Every kilometer in safe and environmentally friendly way.
- Cloud-connected software optimizing energy consumption and enabling online updates and maintenance.
- Tailored for use by guided snowmobile safari operators and commercial purposes.
- In guided tour use, the power settings can be adjusted for inexperienced drivers.
- The guide can monitor the location of each eSled™ on the screen, ensuring that the group stays together safely.
- Modular battery packages from 7 to 21 kWh.
- Multiple globally patented mechanic and electric solutions.

Electric powertrain

Type	Axial Flux Synchronous Permanent Magnet, 3-phase
Peak Power	50 kW
Peak Torque	140 Nm
Transmission	Direct drive, clutchless
Final drive	Belt drive

Dimensions

Total length	3015 mm
Total width	1283 mm
Total height	1168 mm
Trail width	1074 mm

Suspension

Front suspension	Aurora proprietary	
Front shock absorber	Radflo 2.0" Air Shock, 1.25" shaft	
Rear suspension	Aurora proprietary	
Maximum suspension travel	Front	249 mm
	Back	390 mm



Battery | Range | Dry weight

Type	Modular Lithium-Ion NMC
Maximum voltage	120 VDC
Connector	CCS Combo 2
Charging Power (Type2)	3.3kW or 6.6kW
Charging Power (DC)	Up to 30kW depending on battery capacity
Charging time (Type2)	2 h for 10%-80% 3,5 h for 0-100% (21 kWh)
Battery heating	Internal heating with resistors, located at the bottom of the module <ul style="list-style-type: none"> • When charging: from the grid power • When driving: powered by the battery's own energy

Cooling	External liquid cooling system
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Battery capacity	Range*	Total weight of sled
7 kWh	40 km	195 kg
10,5 kWh	50 km	215 kg
14 kWh	60 km	235 kg
17,5 kWh	80 km	255 kg
21 kWh	100 km	275 kg

* Projected overall range achievable under optimal driving conditions with a fully charged battery, assuming a maximum speed of 25 km/h. Actual range may vary based on various factors and driving conditions.

Features

Frame	Aurora proprietary (composite, aluminum)
Seating	2-up
Reverse	Yes
Heated grips	Standard
Gauge	7" high-res display, easy to use by buttons
Software	Drive mode selection, GPS, online telemetry and updates
Windshield	Available
Top speed	120 km/h



Join the electric revolution



Order yours now online
www.esled.com

ESLED™ AURORA 2025 PRICES

For 8 eSled™ snowmobiles or more, please inquire for a quote.

Charger 3.3 kW

Battery modules	Capacity	Price (VAT 0%)	Price (VAT 24 %)
2	7 kWh	14 680,00	18 203,00
3	10,5 kWh	16 930,00	20 993,00
4	14 kWh	19 180,00	23 738,00
5	17,5 kWh	21 430,00	26 573,00
6	21 kWh	23 680,00	29 363,00

Charger 6.6 kW

Battery modules	Capacity	Price (VAT 0%)	Price (VAT 24 %)
2	7 kWh	15 990,00	19 827,00
3	10,5 kWh	18 240,00	22 617,00
4	14 kWh	20 490,00	25 407,00
5	17,5 kWh	22 740,00	28 197,00
6	21 kWh	24 990,00	30 987,00

Warranty

For consumers

a Powertrain limited warranty covers the vehicle for a THREE (3) YEAR, TEN THOUSAND KILOMETER (10,000 KM) whichever comes first, safeguarding against material or workmanship defects in the vehicle's Powertrain.

For commercial operators

a Powertrain limited warranty provides coverage for a TWO (2) YEAR, TEN THOUSAND KILOMETER (10,000 KM), whichever comes first, ensuring protection against material or workmanship defects in the vehicle's Powertrain.

Additionally, all buyers receive a one (1) year limited warranty for normal vehicle use, covering defects in material or workmanship on all components of the vehicle.

Service

eSled™ maintenance facilities are located at the Aurora Powertrains Oy factories in Mikkeli and Rovaniemi, Finland.

For eSled fleet customers, we also offer the option of on-site maintenance at the customer's facility.

eSled™ software updates are performed through cloud services.

References

SkiClassics, European tour – Ski competition tour, electric snowmobiles since 2024

Safartica, Finland – Electric snowmobile guided tours since 2020

Hurtigruten Svalbard, Norway – Electric snowmobile guided tours since 2019

Experience Pyhä, Finland – Electric snowmobile guided tours since 2019

Vattenfall AB, Sweden – V2G development, ski resorts testing

