

ESLED™ AURORA 2025 SPECIFICATIONS

When you think about innovative all-electric snowmobiles, you're thinking of eSled.
Don't believe us? Check out these specs yourself.

Electric powertrain

Type	Interior permanent magnet synchronous motor
Peak Power	40 kW
Peak Torque	140 Nm
Transmission	Direct drive, clutchless
Final drive	Belt drive

Features

Frame	Aurora proprietary (composite, aluminum)
Seating	2-up option with backrest
Reverse	Yes
Heated grips	Standard
Display	7" high-res touch screen, easy to use by buttons while driving
Software	Drive mode selection, GPS, online telemetry and updates
Windshield	Available
Top speed	105 km/h
Handguards	Available
Cargo Box	Mounting adapter kit available for aftermarket boxes
Side mirrors	Available
Colours	Avalanche White, Arctic Blue, Royal Green

Dimensions

Length	3015 mm
Height	1270 mm, 1440 mm with Windshield
Width	1283 mm
Trail width	1074 mm
Track length	3480 mm
Track width	380 mm
Track lug height	34 mm

Battery | Range | Dry weight

Type	Modular Lithium-Ion NMC	
Maximum voltage	120 VDC	
Connector	CCS Combo 2	
Charging Power (Type2)	3.3 kW or 6.6 kW	
Charging Power (DC)	12 kW max.	
Charging time (Type 2, 6,6 kW)	2 h for 10 % - 80 %, 3,5 h for 0-100 % (21 kWh)	
Battery capacity	Range*	Total weight of sled
14 kWh	65 km	235 kg
21 kWh	100 km	275 kg
Thermal management system	Keeps your battery in optimal temperature in different driving conditions. Heats battery to optimal operating temperature when plugged in to AC charger.	

* 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.

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



Warranty

For consumers

a Powertrain limited warranty covers the vehicle for a THREE (3) YEAR or TEN THOUSAND KILOMETERS (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 or TEN THOUSAND KILOMETERS (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.

Aurora Powertrains reserves the right to changes in technical information.

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www.esled.com