

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 • 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