

# NEBULA MOTORS

## MODEL: NEBULA ONE

TECHNICAL SPECIFICATION SHEET // REV 2.4 // CLASSIFICATION: PUBLIC

### ABSOLUTE VELOCITY.

*"Noise is thermal inefficiency. The Nebula One asserts dominance through the total absence of sound. Silence is the new loud."*

#### PERFORMANCE METRICS

0-100 km/h	1.9s
0-200 km/h	4.2s
Top Speed	410 km/h (Electronically Limited)
Quarter Mile	8.8s @ 260 km/h
Lat. Acceleration	2.1 G (Sustained)
Drag Coefficient	0.19 Cd
Range (WLTP)	820 km

#### PHYSICAL DIMENSIONS

Length	4,970mm
Width	1,964mm
Height	1,120mm
Wheelbase	2,900mm
Curb Weight	1,950 kg
Cargo Volume	150L (Frunk) / 340L (Rear)

#### POWERTRAIN

**Architecture:** 900V Silicon-Carbide (SiC) Platform.

**Output:** 1,200 hp / 895 kW.

**Configuration:** Tri-Motor Axial Flux.

- 1x Front Axle (High-Efficiency Unit)
- 2x Rear Axle (Torque Vectoring Units)

**Vectoring:** N-Drive™ active torque management. Independent wheel control. Zero mechanical differential. Sub-millisecond latency.

#### ENERGY & CHARGING

**Battery:** 115 kWh Solid-State Hybrid Pack.

**Thermal:** Cryo-Flow™ liquid immersion cooling.

**Charging:** 350 kW DC Fast Charge.

- 10-80% State of Charge: 18 Minutes
- AC Charging: 22 kW onboard

#### CHASSIS DYNAMICS

**Monocoque:** Pre-impregnated Carbon-Titanium weave. Aerospace-grade bonding. Torsional rigidity: 65,000 Nm/deg.

**Suspension:** Active Electromagnetic Dampers.

- Front: Pushrod double wishbone.
- Rear: Multi-link with active toe control.
- Lift System: GPS-enabled, +50mm clearance.

**Braking:** Carbon-Ceramic Matrix (CCM).

- Front: 420mm rotors, 10-piston titanium calipers.
- Rear: 390mm rotors, 6-piston titanium calipers.
- Regen: Up to 0.4 G deceleration via motors.

#### AERODYNAMICS

**Concept:** "Fluid Subtract." Bodywork sculpted by negative space.

**Active Elements:**

- Front: Variable geometry splitter ducts.
- Rear: Deployable air-brake / downforce wing.
- Underbody: Venturi tunnels with boundary layer suction.

#### NEBULA SHIELD™ AVIONICS

**Predictive Safety Suite.** Fusion of 3x Solid-state Li-DAR, 12x Ultrasonic sensors, and Thermal Imaging.

- 360-degree threat detection.
- Pre-collision structural bracing.

- Night-vision HUD projection.

## WARRANTY ASSURANCE

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**Coverage:** 8-Year Unlimited Mileage Battery Warranty.

- Guaranteed >85% capacity retention.
- 4-Year Bumper-to-Bumper Vehicle Warranty.
- Global Ranger Service (On-site repair).

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**LEGAL DISCLAIMER:** Specifications valid for Nebula One Launch Edition [Model Year 2026]. Performance figures derived from controlled track testing. Actual range varies by terrain, ambient temperature, and driving style. Nebula Motors reserves the right to modify technical parameters without notice to enhance product capabilities. "Nebula Shield", "N-Drive", and "Cryo-Flow" are registered trademarks of Nebula Motors Global. Professional driver on closed course. Do not attempt.

**CONTACT:** [engineering@nebulamotors.com](mailto:engineering@nebulamotors.com) | HQ: Oslo, Norway | CONFIG\_ID: N1-992-ALPHA