

Nissan Altra EV Technical Specifications

MOTOR

Type	Neodymium permanent magnet DC electric motor
Dimensions	8.11 inches diameter x 12.01 inches length
Power	83 hp (162 kW)
Maximum Torque	17 ft-lbs
Maximum RPM	13,000
Transmission	Transaxle type with 2-stage planetary gear set
Controller	216-400 volt input range, Vector controller
Drive Configuration	Front-mounted motor, front-wheel drive

BATTERY

Type	Lithium-ion
Capacity (AH/Hour)	94/3
Nominal Voltage (V/Set)	345
Number of modules	12

CHARGING SYSTEM

Charger Type	Inductive
Charging Time	5 hours

BODY/CHASSIS/SUSPENSION

Body Type	Unibody construction
Front Suspension	MacPherson strut with coil springs and stabilizer bar
Rear Suspension	Rear multi-link beam with coil springs

STEERING

Steering Type	Power-assisted electric oil pump
Turning Circle (ft.)	36.2
Turns (lock-to-lock)	4.11

BRAKING SYSTEM

Brake System Type	Electric assist regenerative antilock braking
Front	Ventilated disc brakes
Rear	Drum rear brakes
Input Voltage	12
Motor Type	DC brush

WHEELS & TIRES

Wheels	5-spoke aluminum alloy
Size	15-inch

Tire Type Low rolling friction all-season radial
Tire Size 205/65R15

EXTERIOR

Wheelbase 110.2 inches

DIMENSIONS

Overall Length 191.7 inches

Overall Width 69.5 inches

Overall Height 66.8 inches

Tread Width (front/rear) 60.4/59.8 inches

Min. Ground Clearance 5.51 inches

Coefficient of Drag (Cd) 0.36

WEIGHT & CAPACITIES

Seating Capacity 4

Curb Weight 3,749lbs.

Weight Distribution 56/44 front/rear

GVWR 4,579 .lbs.

Cargo Capacity 221 lbs.

Maximum Payload 820 lbs.

FUEL ECONOMY

Hwy/City 304/342 watt hours/mile

PERFORMANCE

Vehicle Range 120 miles

Maximum Speed 75 mph (governed)