

2009 ZENN

Vehicle Specifications - Effective December, 2008

ENGINE, DRIVETRAIN AND POWER PLANT	
Front wheel drive	X
Helical gear transmission	X
100% electrically driven, 72 VDC (5.69kw)	X
Electronic drive-by-wire throttle	X
Advanced Motors & Drives, 3 Phase AC drive motor (Length: 10.5", Diameter: 7.5")	X
Curtis Motor Controller	X
Transmission 10.3 - 1 Speed reducer with integral differential	X
Speed Control - 300A	X
Zero Emission vehicle	X
Constant velocity driveshaft with CV joints for smooth energy transfer	X
Electronic charger status indicator	X
Battery state-of-charge indicator	X
Electronic speedometer	X
Trip odometer	X
Clock	X
Batteries: EV31A-A Discover Battery Pack - 6 x 12V x AGM maintenance free, valve-sealed lead-acid batteries	X
Charging: Aprox. 8 hours (110 Volt Standard Electrical Outlet), 80% rechargeable in 4 hours (from empty)	X
Battery Insulator System	<i>Option</i>
Range: Approximately 30 to 50 miles*	X
0 – 20 mph in 5.7 seconds	X
0 – 25 mph in 9.2 seconds	X
WARNING INDICATORS	
Motor-overheat indicator	X
Parking-brake indicator	X
Key-left-in-ignition indicator	X
Headlight-on indicator	X
Battery alarm	X
Reverse back-up alarm	X
Headlight-on warning buzzer when key left in off position	X
WHEELS / TIRES	
13" spoke aluminum mag wheels	X
145/70R13 tires	X
BRAKES	
Dual hydraulic system, 4-wheel disc, 6.7 in.	X
Electromagnetic regenerative braking	X
Braking Distance at 20 mph - 19.49 ft	X
SUSPENSION / STEERING	
Front: independent front wheel suspension with two coil spring/shock units	X
Rear: trailing arm with two coil spring/shock units	X
Rack and pinion steering	X
Turning radius - 13.45ft	X
INTERIOR	
Power windows	X

Rear window defrost	X
Directional Shifter	X
JVC KDG230 AM/FM/CD Radio	<i>Option</i>
Air Conditioning	<i>Option</i>
Remote keyless entry and locks	X
Carpeting	X
Floor Mats	<i>Option</i>
Interior heating and defrost	X
12V accessory plug	X
Central interior light with auto on/off with door opening	X
Sun visors	X
EXTERIOR	
Rear window wiper	X
Front windshield wiper	X
Central antenna	X
Colors: Green / Blue / Silver	X
3-door hatchback, fully enclosed	X
Black roof and body pillars	X
Black aluminum alloy Space Frame, ABS body panels	X
Chrome grill insert	X
Headlights	X
Side flasher lamp on front fenders	X
Dual exterior mirrors	X
Power sliding panoramic sunroof	<i>Option</i>
Nine-pin rapid charge inlet	<i>Option</i>
Protective color-keyed body moldings	X
SEATING / APPOINTMENTS	
Adjustable bucket seats	X
Two-tone cloth seats	X
Adjustable headrests	X
3-point driver and passenger seat belts	X
STORAGE	
Integrated locking glove box	X
Inside rear trunk pockets	X
Storage capacity: approximately 30 cu. ft.	X
STANDARDS / SECURITY	
Meets or exceeds FMVSS500 standards	X
Length: 120.8 in. / Width: 58.8 in. / Height: 55.9 in.	X
Track - front and rear: 49.8 in.	X
CAPACITY	
2 persons	X
Weight: approximately 1,360 lbs.	X
GVWR: 1,807 lbs	X

* Note: there are a variety of factors that contribute to the overall range of the ZENN, such as temperature, hilly terrain, charge percentage, use of accessories, number of stops and starts and overall 'aggressiveness' of the driver when accelerating.

ZMC reserves the right to change specifications, components and suppliers at any time without giving notice.

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