

Electricar Sedan Specifications

Performance

Top Speed	80 mph (controlled)
0 to 30	4.5 sec.
0 to 50	12 sec.
Range	50-80 miles
Max. Grade	27 + %
Charge Time	4-6 hrs. (220 VAC) 8-10 hrs. (110 VAC)

Battery

Hawker Energy Products

- Sealed gas recombinant, self-resealing lead-acid modules
- Up to 13 Kw-hr. at 1 hr. discharge rate
- Absorbed electrolyte design
- Minimal gas evolution during charging
- Long cycle life
- Low internal resistance
- Integral battery module with redundant chassis isolation under all modes of operation; simplified modular replacement scheme
- Maintenance-free service life

Motor

GM Hughes Electronics Power Control Systems

- AC induction, 3-phase, 4 pole, with optical encoder. Peak power of 50 Kw
- Low noise operation
- Integrated motor/inverter cooling system. Near constant power output over wide RPM affords use of single speed drive
- No regular maintenance required
- High specific power output and power density
- High efficiency

Controller

GM Hughes Electronics Power Control Systems

- Compact DC to three-phase AC power inverter with integral control computer-voltage fed, current controlled, four quadrant operation
- Custom high power hybrid power switch modules and pulse width modulation
- High efficiency
- Microprocessor controlled with fully reprogrammable memory

- Integral control of key functions, such as speed limit, torque control, over/under voltage limit, over current, over temperature, diagnostics and self test
- Built-in high voltage interlock safety protection
- No regular maintenance required
- High specific power output and density

Built-In Charger

- 110 VAC 15A service or 220 VAC 15A service, compatible with other AC power forms
- Unity power factor with high power quality
- No off-board equipment needed
- Built-in GFI
- Just plug in and forget; no switches or timer
- Protects batteries from over-voltage with software-controlled charging

Standard Features

Exterior

- Black body-side moldings
- Body-color front and rear bumpers
- Composite halogen headlamps
- Dual outside mirrors (left-hand remote)
- Tinted glass

Interior

- Center console w/ cup holders and storage tray
- Child security rear-door locks
- Custom "soft touch" steering wheel
- Day/night inside rearview mirror
- Door storage bins
- Driver-and passenger-side air bags
- Front shoulder belt height adjusters
- Full carpeting
- Headlamps-on reminder tone
- Remote fuel door
- Scotchgard™ Fabric Protector on cloth seats and door trim

Seats

- Cloth-and-vinyl seat trim
- Reclining front bucket seats

Power Teams/Chassis

- "Automatic" transmission
- Four-wheel independent suspension
- Rack-and-pinion steering
- Zinc-rich, corrosion-resistant galvanized steel body panels
- Chip-resistant lower-body corrosion protection
- Under-body protective coating

Wheels/Tires

- 14" styled steel wheels with center caps
- Goodyear™ Invicta GL P175/65 R-14 all-season steel-belted radial tires

Dimensions

Exterior	(in.)
Wheelbase	97.1
Length (overall)	173.0
Width (overall)	66.3
Height (overall)	53.3

Interior	(in.)
Head room - front	38.5
Head room - rear	36.4
Leg room - front	41.7
Leg room - rear	33.1
Shoulder room - front	54.1
Shoulder room - rear	53.4
Hip room - front	51.3
Hip room - rear	54.2

Capacities

Passenger capacity	5
Cargo capacity	12.7

Color & Trim Availability

Exterior Colors

- Ice Blue Mica
- White

Interior Colors

- Dk Blue
- Li Gray

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