PERFORMANCE STATS

Acceleration (0-24 mph)
- At 100% SOC: 10 seconds
- At 50% SOC: 14 seconds

Maximum Speed @ 350 lbs Payload
- At 100% SOC: 24 mph
- At 50% SOC: 24 mph

Maximum Speed @ 170 lbs Payload
(FMVSS 49CFR 571.500 S5.a) At 100%: 24.5 mph

Maximum Speed Range
- Range: 30.4 miles
- Energy Used: 4.26 kWh
- Efficiency: 142 Wh/mile

Braking from 24 mph
- Controlled Dry: 23 feet
- Controlled Wet: 25 feet
- Panic Wet: 23 feet
- Course Deviation: 0.0 feet

Grade ability
- Maximum Speed @ 3%: 24 mph
- Maximum Speed @ 6%: 24 mph
- Maximum Grade: 25%

Charging Efficiency:
- AC Energy: 5.1 kWh to full charge
- Energy Cost: @ $0.10/kWh= $0.51/charge Or $0.17/mile
- Max recharge time: 11.5 hours

SPECIFICATIONS

Base Vehicle:
Dynasty ‘IT’ Sedan NEV

Seatbelt Positions: Two
Standard Features
- Front Wheel Drive
- Delta-Q battery charger
- Four wheel hydraulic brakes (disc front – drum rear)
- Rearview & side mirrors
- Back-up light & alarm
- Horn
- State-of-charge meter
- Speedometer/Odometer
- Self Cancelling Turn signals
- W/4-way flashers
- Windshield wiper w/ spray
- 12V accessory plug
- Halogen Headlights w/ Hi/low Beams
- 2-Point anchored Seat Belts

Battery
- Type: EV-31 Flooded Lead Acid (Optional 8G31 Deka Gel)
- Number of modules: 6
- Weight of Modules: 71 lb
- Weight of Pack: 426 lb
- Pack Location: Under hood
- Nominal Module Voltage: 12V
- Nominal System Voltage: 72V

Weights
- Curb Weight: 1450 lb
- Distribution F/R: 75/25%
- GVWR: 2601 lb
- GVWR F/R Payload: 1150 lb

Dimensions
- Wheelbase: 90 in
- Length: 140 in
- Width: 60 in
- Height: 63 in
- Ground Clearance: 5 in

Tires
- Tire mfg: Goodyear
- Tire Model: Club
- Tire Size: 155/80 R13
- Tire Pressure: 27-40 psi
- Spare Installed: No