



electric vehicles ltd.

Dynasty Electric Vehicle Ltd.

Phone: +92-21-38691701

+92-21-38691702

Fax: +92-21-35894432

E-mail: info@dynastyelectricvehicles.com

<http://www.itiselectric.com>

'IT' TROPIC 4-Passenger NEV



SPECIFICATIONS

Base Vehicle:

Dynasty 'IT' Sedan NEV

Seatbelt Positions Four 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: 2495 lb
- GAWR F/R
- Payload: 1045 lb

Dimensions

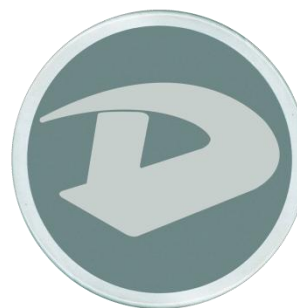
- Wheelbase: 90 in
- Length: 140 in
- Width: 60 in
- Height: 63 in
- Ground Clearance: 5in

CHARGER

- Location: On-Board
- Input Voltage: 120 VAC

Tires

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



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 hour

