



electric vehicles Ltd.

Dynasty Electric Vehicle Ltd.

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innovative transportation

'IT' Sedan 4-Passenger NEV



SPECIFICATIONS

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
- Turn signals w/4-way flashers
- Windshield wiper w/ spray
- 12V accessory plug
- Windshield De-mist
- 3-Point Anchored Seat Belts
- Halogen Headlights w/ Hi/low beams

Battery

- Manufacturer: Trojan
- Type: Flooded Lead Acid (Optional maintenance free)
- Number of modules: 6
- Weight of Modules: 71 lb
- Weight of Pack: 426 lb
- Pack Location: Under hood
- Nominal Module Voltage: 12V

Weights

Curb Weight: 660kg

Braking from 40 kph

Controlle
Dry:7.0

Distribution F/R:75/25%

GVWR: 1360 kg

GAWR F/R

Payload: 700 kg

Dimensions

Wheelbase: 230 cm

Length: 356 cm

Width: 152 cm

Height: 160 cm

Ground Clearance 13cm

Charging

Location: On-Board
Input Voltage: 120 VAC

Tires

Tire Size: 155/80 R13
Tire Pressure : 27-40 psi
Spare Installed: No

PERFORMANCE STATS

Acceleration (0-40 kph)

At 100% SOC: 10 seconds

At 50% SOC: 14 seconds

Maximum Speed @ 160 kg Payload

At 100% SOC: 40 kph

At 50% SOC: 40 kph

Maximum Speed @ 77 kg Payload

(FMVSS 49CFR 571.500 S5.a)

At 100%: 40 kph

Maximum Speed Range

Range: 50 km

Energy Used: 4.26 kWh

Efficiency: 230 Wh/km

meters Controlled Wet: 7.6

meters Panic Wet: 7.0

meters

Course Deviation: 0.0 meters

Grade ability

Maximum Speed @ 3%: 40 kph

Maximum Speed @ 6%: 40 kph

Maximum Grade: 25%

Charging Efficiency:

AC Energy: 5 kWh to full charge

Energy Cost: @ \$0.10/kWh= \$0.50/charge

Or \$0.01/km

Max recharge time: 6 - 8 hours