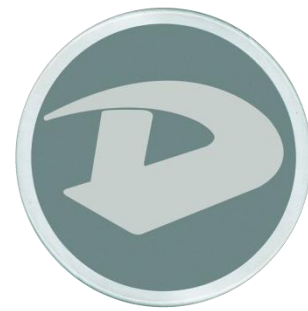


Dynasty

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' VAN 4-Passenger NEV



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

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 hours

