

Dynasty

electric vehicles ltd.

Dynasty Electric Vehicle Ltd.

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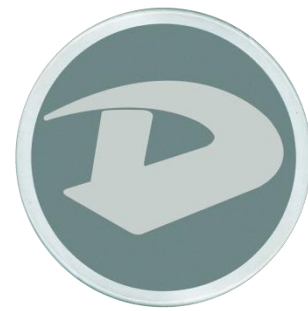
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'IT' Sedan 4-Passenger NEV



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

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: 700kg

Dimensions

Wheelbase: 230 cm
Length: 356 cm
Width: 152 cm
Height: 160 cm
Ground Clearance: 13 cm

CHARING

Location: On-Board
Input Voltage: 120 VAC

Tires

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

Maximum Speed Range

Range: 50 km

Energy Used: 4.26 kWh

Efficiency: 230 Wh/mile

Controlled Wet: 7.6 meter

Panic Wet: 7.0 meter

Course Deviation: 0.0 meter

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