



electric vehicles ltd.

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'IT' UTILITY 4-Passenger NEV



SPECIFICATIONS

Base Vehicle:

Dynasty 'IT' Utility 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: 2495 lb
- GAWR F/R 1619/1146 lb
- Payload: 1045 lb

Dimensions

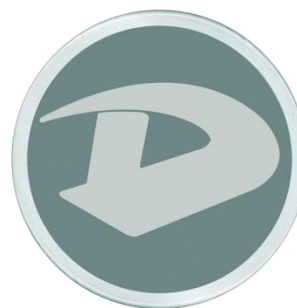
- Wheelbase: 90 in
- Length: 140 in
- Width: 60 in
- Height: 63 in
- Ground Clearance: 5 in
- Bed: 152"xW45"xD29"

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

DC 5.5 HP

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

