## OUR ROADS WILL CONVERGE WITH YOURS



For a cleaner world



HDK ELECTRIC VEHICLE

## THE WORLD SHOULD STAY YOUNG LIKE US!

## SUSTAINABLE LIFE

HDK is developed in such a way that, while offering you practical solutions in your daily work and social life; at the same time it is responsive for the environment which we are a part of. It is an important actor of the concept of sustainable life which in necessary for all living things.

## **MISSION**

For protecting the environment and a more livable world, HDK manufacture only 100% Electric Vehicles.

## WHY HDK?

Our choices that change within the axis of developing technology and transforming life standards, promotes us to use Electric Vehicles.

## New ideas and changing needs are making us excited.

**GULF CENTER GROUP & HDK ELECTRIC VEHICLES** was founded in 2006, HDK is a US brand with head office in California. Factories located in deferent countries occupying more than 148,000 square meters. HDK has built more than 150,000 electric cars, golf cars, hunting cars utility vehicles and buses.

**HDK** electric cars with USA advanced technology, parts and accessories with French design became the most efficient and economical electric cars in the world today.

**HDK** products are widely used in Golf courses, Resorts, Parks, Airports, Schools, Mines, Farms, Palaces, Hotels, Hospitals, Stadiums and Sport Cities, Police and Security applications, Government and Private Sites. Etc.

**GCCE** the Middle East regional office of HDK International based in UAE. Providing high quality, prompt services, spare parts and warranty support to customers making HDK products the best choice always!



## **D3 DIMENSIONS**

- » EXTERNAL DIMENSION 3015×1525 (rearview mirror)×2055mm
- » WHEELBASE 1645mm
- » TRACK WIDTH (FRONT) 1030mm
- » TRACK WIDTH (REAR) 1025mm
- » BRAKING DISTANCE ≤3.5m
- » MIN TURNING RADIUS 3.6m
- » CURB WEIGHT 580kg (front axle 235kg/rear axle 345kg)
- » MAX TOTAL MASS 885kg

## **ENGINE/DRIVE TRAIN**

- » SYSTEM VOLTAGE 48V
- » MOTOR POWER 6.3kw
- » CHARGING TIME 5-6h
- » CONTROLLER 400A
- » MAX SPEED 20-40km/h
- » MAX GRADIENT (FULL LOAD) 25%
- » BATTERY 205Ah Lithium battery

## **GENERAL**

- » TIRE SIZE 14X7"Aluminum Wheel/ 23X10-14 Off road Tire
- » SEATING CAPACITY Four persons
- » AVAILABLE MODEL COLORS Flamenco Red,Black Sapphire,Portimao Blue,Mineral White,Mediterranean Blue,Arctic Gray
- » AVAILABLE SEAT COLOR Black

- » SUSPENSION SYSTEM Single A-Arm (front)
- +Triangle Arm Suspension (rear)
- » USB

USB socket+12V powder outlet





## **LED LIGHTING**

Our personal transportation vehicles come standard with LED lights. Our lights are more powerful with less drain on your batteries, and deliver a 2-3 times wider field of vision than our competitors, so you can enjoy the ride worry-free, even after the sun goes down.



## **FRONT TRUNK**

Touch the associated open button on the key fob to pull the hood up. Then you will find an additional storage space under the hood. It also shares the first-rate performance, but adds a touch of practicality to the package. The D3 is the vehicle you buy if you want a proper luxury sports cart that will have everyone's head turning. It doesn't fail to deliver in any segment performance, styling, luxury, or otherwise.



## **REFRIGERATOR**

Top-quality and convenient, the built-in removable refrigerator is usually best suited for our cart and also a great option for vehicle owners that want flexibility of it. It is a convenient way to transport food and drinks without the stress and mess of keeping everything on ice. They plug into your vehicle's accessory outlet to keep everything chilled.



**RETRACTABLE POWER STEP** 



## **FASTER**

Lithium-ion battery with fast charging speed, more charge cycles, low maintenance and great safety



## PROFESSIONAL

This model provides you with unmatched maneuverability, increased comfort and more performance



## QUALIFIED

Certified by CE and ISO, We're so confident in the quality and reliability of our cars that we offer a 1 Year Warranty



## PREMIUM

Small in dimensions and premium on exterior and interior, you'll be driving with maximum confort



## WINDSHIELD

With a rotary switch, the tilt angle of the laminated windshield is easy to be adjusted. It's a great joy to enjoy the cool breeze skating through tilted windshield especially on a hot summer day. The windshield adds protection from the elements and simply complete the look. The advantages of it include increased safety and good light transmission, ensuring excellent visibility.







THE 4 PASSENGER REVOLUTION

D5 SERIES 4
LITHIUM III
POWERED



THE 6 PASSENGER REVOLUTION

D5 SERIES 6
LITHIUM III
POWERED







**FLAMENCO RED** 



**BLACK SAPPHIRE** 



**PORTIMAO BLUE** 



MEDITERRANEAN BLUE





**ARCTIC GRAY** 

## **SEAT COLORS**

**PORTIMAO BLUE** 













WHAT ARE THE

## **FEATURES**

TOUCHSCREEN

REAR VIEW MIRRORS WITH FOLDABLE WINDSHIELD 9 INCH MULTI-FUNCTIONAL MULTI-FUNCTIONAL TURN SIGNAL LIGHT INDICATORS

ADJUSTABLE STEERING LUXURY SEATS WITH WHEEL IN TILTING ANGLE FOLDABLE ARMRESTS

25A ON-BOARD FAST CHARGER

BRUSH GUARD FOR OFFROD MODELS

RUNNING BOARD

WITH SILIDEABLE AIR

GOLF BAG HOLDER

FRONT/REAR FENDER

DOCK

FLARES

LED LIGHT

3-POINT SEAT BELTS FOR EACH SEATS

TOP MOUNT SOUND BAR

USB PORTS AND STORAGE

14 REAR STORAGE TRUCK

DASHBOARD

AUTOMOTIVE E-COAT

**AUTOMOTIVE STYLE** STEERING WHEEL

REAR SEAT CUP HOLDERS LITHIUM BATTERY

**AUTOMOTIVE STYLE** REAR BUMPER

BACKUP CAMERA



LIVE MONITOR APP

ON-BOARD CHARGER

## **ULTRA SAFE 5 YEAR WARRANTY** NO MAINTENANCE

The lithium-ion battery packs with integrated battery management system hosts an intuitive software, providing Bullseye Balancing between batteries, seamlessly manages regenerative currents and avoids unnecesdisconnects system. Battery can be connected in parallel, with two batteries as standard, up to 6 batteries can be connected to extend your range. The benefits of lithium-ion battery include lighter weight, shorter charging time, longer life, free maintenance and less electricity bills. EVOLUTION's Partner Program offers advantages you won't find from other lithium battery suppliers.





POWERED



14X7" ALUMINUM WHEEL / 225 / 55R14" **RADIAL TIRE** 



D5-RANGER 6

WHEEL / 23X10-14 **SILENT TIRE WITH OFF-ROAD THREAD** 





D5-MAVERICK 4

D5-MAVERICK 6

## **FEATURES**





MICROPHONE

Improvement of your Speech Recognition, essentially eliminate factors that affect your ability to send an audio message, such as surrounding background noise, proximity to the person talking etc.



Never Wory About Messes and Spills Again



STORAGE COMPARTMENT ON BOTH SIDES

Newly designated das has large, dual-sized storage compartment, room for more items like keys and mobile devices



SOUND BAR

Indulge yourself with a high-end roof mount sound system



CHARGING SOCKET

Heavy duty charging socket for higher current flow, better heat dissipation



HEAVY DUTY SUN TOP CANOPY

Manufactured from solid colored plastic, these tops are fitted wirh Track enclosure rail that is built right into the top framing



**USB CHARGING PORT** 

USB Charging port for each seats, keep you charged on to go



**GOLF BALL HOLDER** 



STORAGE COMPARTMENT

Keep you ready for golfing, Holes for gold Extra easy-access storage compartment in the middle of dashboard



ACCELERATOR BRAKE PEDAL

Automotive style stainless pedals



## SLIDEABLE AIR VENTS

Enjoy the breeze skating through the vents without messing up your hair

## POWERED REAR VIEW MIRRORS

Powered Rear View mirrors with turn signal indicator light

## **DIMENSIONS**

## D5-RANGER 4





## **D5-MAVERICK 4**





Model	D5-RANGER 4	D5-MAVERICK 4
Rated Passengers (person)	4	4
ystem Voltage (V)	48	48
Notor Power (kw)	6.3	6.3
harging Time (H)	4-5	4-5
Dimension (mm)	2910x1418 (rearview mirror)x2020	3000x1418 (rearview mirror)x2110
Vheelbase (mm)	20 50	20 50
Vheel Tread (front / rear mm)	9 25 / 995	9 25 / 995
Oriving Range (full load kw)	≥80	≥80
Maximum Speed (km/h)	20 / 40	20 / 40
raking Distance (m)	≤3.5	≤3.5
lininum Turning Radius (m)	3.4	3.4
Maximum Gradability (full load)	25%	25%
Curb Weight (kg)	480	502
Maximum Gross Weight (kg)	785	797
Minimum Ground Clearance (full load)	175	180
Suspension System	Front: double wishbone	Front: double wishbone
	independent suspension	independent suspension
	Rear: leaf spring suspension	Rear: leaf spring suspension

## **DIMENSIONS**

## D5-RANGER 6





## **D5-MAVERICK 6**





Model	D5-RANGER 4	D5-MAVERICK 4
Rated Passengers (person)	6	6
System Voltage (V)	48	48
Motor Power (kw)	6.3	6.3
Charging Time (H)	6-8	6-8
Dimension (mm)	3760x1418 (rearview mirror)x2035	3850x1418 (rearview mirror)x2145
Wheelbase (mm)	2900	2900
Wheel Tread (front / rear mm)	9 25 / 995	9 25 / 995
Driving Range (full load kw)	≥80	≥80
Maximum Speed (km/h)	20 / 40	20 / 40
Braking Distance (m)	≤3.5	≤3.5
Mininum Turning Radius (m)	3.8	3.8
Maximum Gradability (full load)	25%	25%
Curb Weight (kg)	610	633
Maximum Gross Weight (kg)	1059	1082
Minimum Ground Clearance (full load)	175	180
Suspension System	Front: double wishbone	Front: double wishbone
	independent suspension	independent suspension
	Rear: leaf spring suspension	Rear: leaf spring suspension

# GCCE





## **CLASSIC 2**

## **DEL3022G - Express 2 Seater**

- Brush guard included
- Functional front and rear bumpers
- High/Low speed switch
- Horn, Reverse beep, Parking brake
- Head lights, LED Tallights, Brake lights, Turn signals
- 48V or 36V to 12V voltage reducer for all accesorries
- Foldable windshield
- Plastic battery tray
- Aluminum diamond plate
- Golf bag holder with sweater basket
- Off-white molded plastic roof with grab handles
- Onboard battery charger included
- DOT Approved Tires
- All bolts and nuts stainless steel
- Independent Suspension with four arms
- 8 inch steel wheels

## **OPTIONS**

- Hybrid Generator
- US/Trojan battery
- DOT/EC solid windshield (with wipers)
- Enclosure
- Speedometer
- 10 inch Aluminum wheels
- EEC/LSV Homologation Package

## SPECIFICATION

- » 2 passengers
- » 48V 4KW AC motor
- » US Curtis AC Controller 300 AMP
- » 48V 25A on-board charger
- » Limited speed 30kph
- » 10" Aluminum wheel 205/50-10 tire
- » Beige color seat
- » Battery(US Trojan or Lithium battery)

## **OPTIONS**

- » Two-tone seats
- » Enclosure
- » Seat belts
- » 14" Aluminum color matched rim and radial tires
- » 9" Bluetooth touchscreen (Radio, Music, Speedometer, Bluetooth,

Back-up camera, Car-net App connection)

» Black seat & black roof

## ANY TIME IS TEE TIME.

- » Foldable Windshield
- » Enhanced Speedometer
- » LED Headlights & Tailights
- » Fully customizable
- » People Shuttle
- » Fully Customize Your Vehicle

## CLASSIC 2+2

## **DEL3022G2Z-48 – Express 4 Seater**

- BODY & CHASSIS
- Automotive designed dashboard, color matched body.
- USB socket+12V powder outlet
- E-coat and powder coated chassis
- TPO injection molding front cowl and rear body
- New plastic folding rear seat with storage compartment & water holder

## **DIMENSIONS**

2860X1400X1930mm

## **SPECIFICATIONS**

- » 4 passengers
- » 48V 6.3KW AC motor
- » US Curtis AC Controller 300 AMP
- » 48V 25A on-board charger
- » Limited speed 30kph
- » 10" Aluminum wheel 205/50-10 tire
- » Beige color seat
- » Battery(US Trojan or Lithium battery)

## **OPTIONS**

- » Two-tone seats
- » Enclosure
- » Seat belts
- » Hydraulic brake
- » 14" Aluminum color matched rim and radial tires
- » 9" Bluetooth touchscreen(Radio, Music, Speedometer, Bluetooth, Back-up camera, Car-net App connection)
- » Black Seat & black roof

## PURSUIT OF PASSION





## **CLASSIC 4**

## DEL3024G - Express 4 Seater

- BODY & CHASSIS
- Automative designed dashboard, color matched body.
- USB socket+12V powder outlet
- E-coat and powder coated chassis
- TPO injection moulding front cowl and rear body

## **DIMENSIONS**

3180X1400X1930mm

## **SPECIFICATIONS**

- » 4 passengers
- » 48V 6.3KW AC motor
- » US Curtis AC Controller 300 AMP
- » 48V 25A on-board charger
- » Limited speed 30kph
- » 10" Aluminum wheel 205/50-10 tire
- » Beige color seat
- » Battery(US Trojan or Lithium battery)

## **OPTIONS**

- » Two-tone seats
- » Enclosure
- » Seat belts
- » Hydraulic brake
- » 14" Aluminum color matched rim and radial tires
- » 9" Bluetooth touchscreen(Radio, Music, Speedometer, Bluetooth, Back-up camera, Car-net App connection)
- » Black Seat & black roof

## LUXURY AND COMFORT

## CLASSIC 4+2

## DEL3042G2Z-48 - Express 6 Seater

- BODY & CHASSIS
- Automotive designed dashboard, color matched body.
- USB socket +12V powder outlet
- E-coat and powder coated chasis
- TPO injection moulding front cowl and rear body
- New plastic folding rear seat with
   Storage Compartment & water holder

## **DIMENSIONS**

3660X1400X1930mm

## GCE HDK

## **SPECIFICATIONS**

- » 6 passengers
- » 48V 6.3KW AC motor
- » US Curtis AC Controller 300 AMP
- » 48V 25A on-board charger
- » Limited speed 30kph
- » 10" Aluminum wheel 205/50-10 tire
- » Beige color seat
- » Battery(US Trojan or Lithium battery)

## **OPTIONS**

- » Two-tone seats
- » Enclosure
- » Seat belts
- » Hydraulic brake
- » 14" Aluminum color matched rim and radial tires
- » 9" Bluetooth touchscreen(Radio, Music, Speedometer, Bluetooth, Back-up camera, Car-net App connection)
- » Black Seat & black roof







## **CLASSIC 6**

## DEL3062G-48 - Express 6 Seater

- BODY & CHASSIS
- Automotive designed dashboard, color matched body.
- USB socket +12V powder outlet
- E-coat and powder coated chasis
- TPO injection moulding front cowl and rear body
- New plastic folding rear seat with Storage Compartment & water holder

## **DIMENSIONS**

3680X1400X1930mm

## **SPECIFICATIONS**

- » 6 passengers
- » 48V 6.3KW AC motor
- » US Curtis AC Controller 300 AMP
- » 48V 25A on-board charger
- » Limited speed 30kph
- » 10" Aluminum wheel 205/50-10 tire
- » Beige color seat
- » Battery(US Trojan or Lithium battery)

## **OPTIONS**

- » Two-tone seats
- » Enclosure
- » Seat belts
- » Hydraulic brake
- » 14" Aluminum color matched rim and radial tires
- » 9" Bluetooth touchscreen(Radio, Music,Speedometer, Bluetooth, Back-up camera,Car-net App connection)

## ADMIRABLE

## **CLASSIC 8**

## DEL3062G2Z - Express 6+2 Seater

- BODY & CHASSIS
- Automotive designed dashboard, color matched body.
- USB socket +12V powder outlet
- E-coat and powder coated chasis
- TPO injection moulding front cowl and rear body
- New plastic folding rear seat with Storage Compartment & water holder

## **DIMENSIONS**

4460X1400X1930mm

## **SPECIFICATIONS**

- » 8 passengers
- » 48V 6.3KW AC motor
- » US Curtis AC Controller 300 AMP
- » 48V 25A on-board charger
- » Limited speed 30kph
- » 10" Aluminum wheel 205/50-10 tire
- » Beige color seat
- » Battery(US Trojan or Lithium battery)

## **OPTIONS**

- » Two-tone seats
- » Enclosure
- » Seat belts
- » Hydraulic brake
- » 14" Aluminum color matched rim and radial tires
- » 9" Bluetooth touchscreen(Radio, Music, Speedometer, Bluetooth, Back-up camera, Car-net App connection)

## STAND OUT FROM YOUR NEIGBOUR





## **FORESTER 4**

Forester 4 Plus – 4 Seater

- Luxury 2 tone seats
- New Black Dashboard
- Bushguard
- Battery option of Trojan 8v or Lithium 48V
- New plastic rear seat kit with trunk & cup holders

## **OPTIONS**

- » Retractable Seatbelts
- » FM Radio with MP3 \*optional
- » LED Headlights & Tailights
- » Brush Guard
- » Speedometer
- » Fully Customizable

## **SPECIFICATIONS**

- » Drum Brakes maximizing your stopping power in order to reduce common accidents or damage to property
- » LSV- Everything is DOT approved in order to provide you with a full 17-digit VIN so that you may register the cart for street legal commutes...
- » DOT foldable acrylic windshield
- » DOT seat belts
- » Headlights, tail lights, brake lights, & turning signals
- » Horn
- » Rearview mirror
- » Speedometer
- » USB Port
- » Luxury Steering Wheel

## PROVEN ENDURANCE



## COMMERCIAL



## **TURFMAN 450**

- BODY & CHASSIS
- 15 years no rust hot-galvanized-dip chassis
- TPO injection mould front cowl and rear body-impact Resistance.

## **POWER**

- Six 8V (48V) or eight 6V (48V) or six 6V (36V) batteries required.
- 4HP DC motor (48V) or 4HP DC motor (36V)
- 275amp (48V) or 300amp (36V) Curtis programmable controller with regenerative braking

## **DIMENSIONS**

106"X46"X70"

## **SPECIFICATIONS**

- » 2 passengers
- » 40km maximum speed
- » Head lights, LED Taillights, Brake lights,

Turn Signals

- » 48V or 36V to 12V voltage reducer
- » Foldable windsheild
- » Plastic battery tray
- » Stainless Cargo Box
- » 8 inch steel wheels

## **OPTIONS**

- » LSV (NEV) Package
- » Hybrid Generator
- » US/Trojan battery
- » Dot solid windshield (with wipers)
- » Enclosure
- » Speedometer
- » 10 inch Aluminum wheels
- » EEC/LSV Homologation Package

## **POWER OF DESIGN**

## **TURFMAN 1000 - FLAT BED**

- BODY & CHASSIS
- Automotive designed dashboard, color matched body.
- USB socket +12V powder outlet
- E-coat and powder coated chasis
- TPO injection moulding front cowl and rear body
- New plastic folding rear seat with Storage Compartment & water holder

## **DIMENSIONS**

- 3330X1400X1830mm
- Aluminum Cargo

Box:1100X1650X275mm

## GCE FDCE

## **SPECIFICATIONS**

- » 2 passengers
- » 48V 6.3KW AC motor
- » US Curtis AC Controller 300 AMP
- » 48V 25A on-board charger
- » Limited speed 30kph
- » 10" Aluminum wheel 205/50-10 tire
- » Beige color seat
- » Battery(US Trojan or Lithium battery)

## **OPTIONS**

- » Two-tone seats
- » Enclosure
- » Seat belts
- » Hydraulic brake
- » 14" Aluminum color matched rim and radial tires
- » 9" Bluetooth touchscreen(Radio, Music, Speedometer, Bluetooth, Back-up camera, Car-net App connection)

Turfman 1000
LITHIUM III
POWERED





## **CARGO TRUCK 1000**

## 2 Seater

- BODY & CHASSIS
- Fiber glass

## **POWER**

- Power source: 72V, 12 batteries required
- Motor: 5KW (6.7HP, 72V) motor
- Controller: 400amp

## **DIMENSIONS**

- Overall Size: 185X59X77 in (470X150X195 cm)
- Flat bed size: 118X59X12 in (300X150X30 cm)

## **SPECIFICATIONS**

- » 2 passengers
- » Vehicle Load Capacity: 3300lb (1498kg)
- » Ground Speed: 25mph(26-32kph)
- » Speedometer included
- » Rear view mirrors on both sides
- » Horn, Reverse beep
- » Parking brake
- » Tire: 155R 12C-8PR

## **OPTIONS**

- » Two-tone seats
- » Enclosure
- » Seat belts
- » Hydraulic brake
- » 14" Aluminum color matched rim and radial tires
- » 9" Bluetooth touchscreen(Radio, Music,Speedometer, Bluetooth, Back-up camera,Car-net App connection)

## **EASE YOUR BURDEN**

## **EXPRESS AMBULANCE**

DEL3022GT – 2 Seater + Stretcher & Medical Storage box

- BODY & CHASSIS
- 15 years no rust hot galvanized-dip chassis
- TPO injection mould front cowl and rear
- Body impact Resistance

## **POWER**

48V (8x6V or 6x8V), batteries required 3KW(4HP 48V) DC motor 275amp(48V) Curtis programmable controller with regenerative braking

## **DIMENSIONS**

- Overall Size: 2700X1180X1780 mm

- Litter's size: 1800X515X223mm



## **SPECIFICATIONS**

- » 2 passengers
- » 40km maximum speed
- » High/Low speed switch
- » Rear view mirrors on both sides
- » Horn, Reverse beep, Parking brake
- » Head lights, LED Taillights, Brake lights, Turn Signals
- » 48V to 12V voltage reducer for all accessories
- » Foldable windshield
- » DOT Approved Tires: 205/50-10 4ply
- » All bolts and nuts stainless steel
- » Independent Suspension with four arms
- » Onboard battery charger included
- » 8 inch Steel Wheels

## **OPTIONS**

- » Trojan/US battery
- » DOT solid windshield(with wipers)
- » Enclosure
- » Speedometer
- » 10 inch aluminum wheels

Ambulance
LITHIUMIII
POWERED





## **TAYLOR DUNN CART**

Model EG6023H01

Description 1.0T electric truck

## **PERFORMANCE**

Passenger capacity 2

Range (loaded) based on flat road at a

speed of 20km/h(km) \* >80

Max. speed(km/h) 35

Minimum turning radius (m) ≤NA

Max. climbing ability (loaded) 15%

Max. movement after brake at speed of

20km/h

Max. loading weight 1000kgs

Net weight 1350kgs



## **DIMENSIONS**

Overall dimensions (mm)

4200X1500X2150

Rear cargo bed dimension(mm)

2600X1500X320

Min. ground clearance (mm) 150

Wheelbase (mm) 2370

Front wheel tread (mm) 1220

Rear wheel tread (mm) 1220

## **BODY AND FRAME**

Frame Welded steel framework with sand

blasting+paint treatment

Bodyfiberglass dashboard, carbon steel

cabin frame

Roof plastic

Hard door Frame Assembly Carbon steel

Hard Door Assemblycarbon steel door+

plastic cover+sliding window screen

Windshield Laminated glass

Battery box Fixed

Seats Sponge + artificial leather, Back-

rest and seat cushion be separated



## **PASSENGER BUS**

Model LT-S14.C System 72V 7.5KW AC system Motor 51V/7.5KW motor Controller LVTONG LEVD1-07M45F4/450A Charger Offboard charger 72V 30A

## PERFORMANCE

Passenger capacity 14
Range based on flat road at a speed of 20km/h 80—110km
Max. speed 30km/h
Minimum turning radius 6.4m
safety. climbing ability 18%
Brake distance <6m
curb weight(with battery) 1240kg

## **DIMENSIONS**

Overall dimensions:LWH (mm) 4947\*1510\*2080mm Min. ground clearance (mm) 155 Tread(mm) 1300/1330 Wheelbase (mm) 2660



## **BODY AND FRAME**

Frame Welded high yield strength tubular steel
Body"PP" automatic industrial special plastic
Roof Plastic injection
Windshield Laminated glass

## **ELECTRIC SYSTEM**

Lighting system Front light, turning light, fog light, reversing light, rear tail light, horn reversing alarm reversing buzzer speed meter

## STEERING AND SUSPENSION

Steering system Dual automotive-style strut and self-adjust rack-and pinion steering+EPS

Brake system front disc brake and rear drum brake+handbrake+Electric vacuum booster brake system

Accelerator electric accelerator

Suspension system Front:Independent suspension,Helical spring with hydraulic shock absorber

Rear:Integrated transaxle with gear 16:1,-leaf spring+shock absorber

Wheel&Tyre 165/70 R13 tyre (diameter 560mm) ; 13 inch steel rim

Passenger Bus LITHIUM III POWERED





## **EXPRESS CATERING**

DEL3042GCX2 – 2 Seater + Catering Box

- BODY & CHASSIS
- 15 years no rust hot galvanized-dip chassis
- TPO injection mould front cowl and rear
- Body impact Resistance

## **POWER**

- Power source: 48V (8 x 6V or 6 x 8V) Battery required
- Motor: 4KW(5.5HP,48V) DC motor
- Controller: 400amp(48V) Curtis programmable controller with regenerative braking

## **SPECIFICATIONS**

- » 2 passengers
- » Vehicle Load Capacity: 1200lb (545kg)
- » Ground Speed: 25mph +/-0.5 mph (3.2kph) +/-0.8kph
- » Rear view mirrors on both sides
- » Horn, Reverse beep
- » Parking brake
- » Head lights, LED Taillights, Brake lights, Turn Signals
- » 48V or 36V to 12V voltage reducer for all accessories
- » Foldable windshield
- » With Aluminum Railings
- » 8 inch Steel wheels
- » Dot Approved Tires: 205/50-10 4ply
- » All bolts and nuts stainless steel
- » Independent Suspension with four arms
- » High/Low speed switch
- » Onboard Battery Charge included
- » Dimension: 122" x 44" x 70" x Heat presevation

## **OPTIONS**

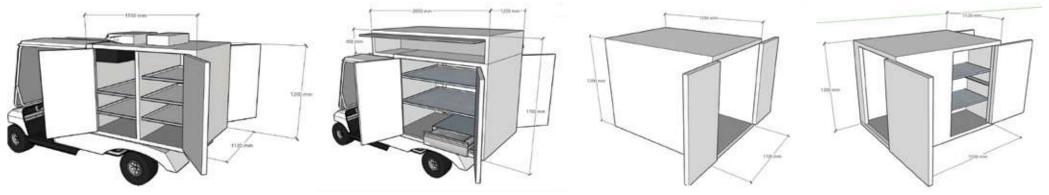
- » 10 inch Aluminum wheels
- » US / Trojan battery
- » DOT / EC solid windshield (with wipers)
- » Enclosure
- » Speedometer
- » EEC / LSV Homologation Package





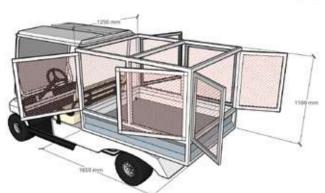
YOU CAN USE HDK WITH ANY PACKAGE AND HARDWARE OPTION YOU WANT.
ALL YOU NEED TO DO IS EXAMINE THE VEHICLE OPTIONS AND
ACCESSORIES IN DETAIL.

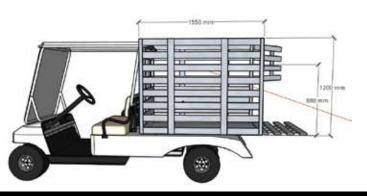




## **CUSTOMIZATIONS AND ENGINEERING**







## **CUSTOMER SATISFACTION**

## **Touchpad Speedometer**



Dashboard with color-matching cupholder insert



4-wheel hydraulic brakes



Compartment



## **TECHNOLOGY AND SAFETY**

## LTHUMBATTERY



●5 YEAR WARRANTY ● NO MAINTENANCE ● ALUMINUM PACK ● 2 TO 3 HOURS CHARGING TIME









## NO MAINTENANCE LITHIUM BATTERY

A cell of a user-replaceable battery shall be in a rigid casing of sufficient strength to prevent flexing. A tool providing the mechanical advantage of a pliers, screwdriver, or hacksaw shall be the minimum capable of opening the user-replaceable cell casing, if opening of the casing will expose metallic lithium.





Long lasting aluminum casing

Impact resistant



Rust resistant



Light weight



Water-proof



**1** 





Outstanding safety protection

## **Compare to lead-acid batteries**

Cycle life expectation

Lifetime

Charging time

Charging frequency

Safety

ECO friendly

Cost effective

Maintenance

Weight

## EVOLUTION battery (48V 110Ah)

>3500 times

15 years

Quick charge-1hour/ Standard charge-5 hours

No memory charge anytime

Multiple built-in protection

No pollution

More benefits, lessman-hours costs

No need

102.7lbs (46.6kg)/golf cart

## Lead-acid battery (48V 170Ah)

<500 times

> 1 year

12 hours

Charge everyday after using

Gas inside may cause explosion

> Lead is harmful

Less benefits, more man-hours costs

Regular water filling, maintenance, and checks

397lbs (180kg)/golf cart

## **BMS Specifications**



















## **BATTERY SPECIFICATIONS**



**LITHIUM-ION BATTERY 60AH** 

MODEL: L4860 TYPE: LiFePO4 CAPACITY: 60 Ah

CHARGING TIME: 2h (With 25A Charger)



**LITHIUM-ION BATTERY 110AH** 

MODEL: L48110 TYPE: LiFePO4 CAPACITY: 110 Ah

CHARGING TIME: 4h (With 25A Charger)



**LITHIUM-ION BATTERY 160AH** 

MODEL: L48180 TYPE: LiFePO4 CAPACITY: 180 Ah

CHARGING TIME: 5h (With 25A Charger)



**FAST ON-BOARD CHARGER 25ADC** 

ULTRA FAST . WATER RESISTANT . SHOCK RESISTANT



**48VDC LITHIUM BATTERY GAUGE** 

ULTRA FAST . WATER RESISTANT . SHOCK RESISTANT



**48VDC LITHIUM BATTERY GAUGE** 

ULTRA FAST . WATER RESISTANT . SHOCK RESISTANT



9" Bluetooth Touchscreen W/Back-up Camera



USB Socket+12V Power Outlet
Color matched dashboard



14" Color Matched Radial Tires



Car Stereo



Two tone Seats







GOLD



NAVY BLUE



BEIGE



WHITE



YELLOW



GREEN



RED









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