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D5 SERIES BROCHURE V3.17 Mar 01, 2024



# D5 SERIES



**EVOLUTION**  
ELECTRIC VEHICLES

March 2024

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# THE 4 PASSENGER

# REVOLUTION

Evolution engages in the R&D, manufacture, and sales of electric vehicles and is the world's leading manufacturer of fleet golf carts, personal, commercial and utility vehicles.

The new model D5 is more intelligent, dynamic and self-assured than ever. With a fascinatingly cutting-edge operating system that adapts more accurately to your needs and preferences every day. Comfortable ride for 4 passengers with luxury seats featuring convenient enclosed storage for all of your adventures. Nothing appeals to the eye more than an aura of strength and athleticism. With an even more expressive golf cart design, D5's advanced electric powertrain delivers exhilarating performance. The new model has a particularly sporty charisma. Model D5 is an evolution in golf cart.



4

FACTORIES

6

PRODUCT LINES

400000

TOTAL SALES

**“RANGER”**  
MODEL SHOWN

# WHAT ARE THE FEATURES

**01**

REAR VIEW MIRRORS WITH  
TURN SIGNAL LIGHT  
INDICATORS

**02**

FOLDABLE WINDSHIELD  
WITH SLIDABLE AIR VENTS

**03**

9 INCH MULTI-FUNCTIONAL  
TOUCHSCREEN

**04**

MULTI-FUNCTIONAL  
DASHBOARD

**05**

AUTOMOTIVE STYLE  
STEERING WHEEL

**06**

ADJUSTABLE STEERING  
WHEEL IN TILTING ANGLE

**07**

LUXURY SEATS WITH  
FOLDABLE ARMRESTS

**08**

3-POINT SEAT BELTS FOR  
EACH SEATS

**09**

REAR SEAT CUP HOLDERS,  
USB PORTS AND STORAGE  
POCKET

**10**

LITHIUM BATTERY

**11**

25A ON-BOARD FAST  
CHARGER

**12**

GOLF BAG HOLDER DOCK

**13**

TOP MOUNT SOUND BAR

**14**

REAR STORAGE TRUNK

**15**

AUTOMOTIVE STYLE  
REAR BUMPER

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BRUSH GUARD FOR  
OFFROAD MODELS

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FRONT /REAR FENDER  
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LED LIGHTS

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AUTOMOTIVE E-COAT  
CHASSIS

**20**

BACKUP CAMERA

**21**

RUNNING BOARD



**“MAVERICK”**  
MODEL SHOWN





Indicator & Lighting Stalk Switch

Horn



\*Glove boxes and rear storage compartment use common keys for all locks

### SWITCHES

-  STORAGE COMPARTMENT
-  POWER BUTTON
-  DIAL GEAR SELECTOR
-  HIGH/LOW SPEED MODE KNOB

# MULTI- FUNCTIONAL DASHBOARD



### 9" MULTI-FUNCTIONAL TOUCHSCREEN

Touchscreen integrated with speed display ,Driving Gear indication ,Lights , Odometer, Radio ,Music ,Bluetooth Connection ,Back-up camera image display ,etc

# ADJUSTABLE STEERING COLUMN

D5's adjustable steering wheel is specifically designed to make the driving easier and allow the driver to have more control over the driving view /distance between steering wheel and driver / the feel of steering wheel grips. It works by tilting up and down, depending on what makes it easier for the driver to drive.



# STANDARD CUBOID EVOLUTION SOUND BAR

The most important advantage is the compact size and what is included in that compact size. There are sound bars with extra speakers ,It can be connected wirelessly through the screen. Adjustable light modes with speaker lights beating with music tune.

**FUN. FANCY. KEEP YOUR PARTY GOING**



# MODELS



RANGER 4



RANGER 6



MAVERICK 4



MAVERICK 6



## RANGER & MAVERICK

# FLEXIBLE CONFIGURATIONS FOR REAR COMPARTMENT

Storage trunk is configured as standard for all D5 models, Golf bag holder as optional accessories for you to convert your D5 for different personal purposes.

**NEAT. FLEXIBLE. LOW COST. LIGHT WEIGHT  
( FOR RANGER & MAVERICK )**



**“MAVERICK”  
MODEL SHOWN**



STORAGE TRUNK



OPTIONAL GOLF BAG HOLDER



OPTIONAL ALL-WEATHER ENCLOSURE

\*Glove boxes and rear storage compartment use common keys for all locks



# TOP-NOTCH LUXURY SEATS

## 01

### SEAT BACK COVER ASSEMBLY

Integrated with handrail, cup holder, storage pocket, USB charging ports ,etc

( FOR RANGER & MAVERICK )

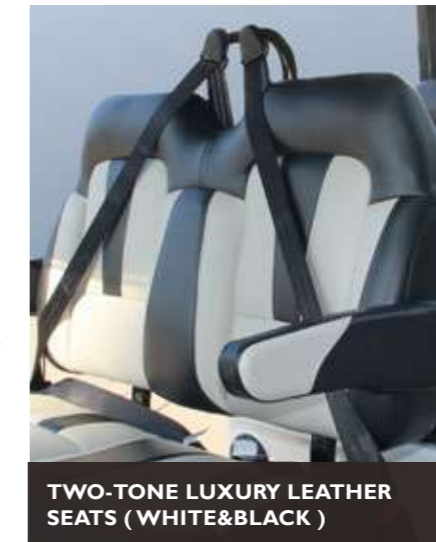


USB CHARGING PORT

## 02

### STANDARD SAFTY BELTS

Standard three-point safety belts for all seats, keep you safely buckled up in driving and riding.



TWO-TONE LUXURY LEATHER SEATS ( WHITE&BLACK )



TWO-TONE LUXURY LEATHER SEATS ( BLACK&BLACK )

## 03 ROTATABLE ARMREST

It can rotate in 90 degree and provide an ergonomic support for your cantilever elbows.



# MODELS



RANGER 2+2



MAVERICK 2+2

## RANGER & MAVERICK

# FLIP-FLOP REAR SEAT

WITH STORAGE & REAR ARMREST

( FOR RANGER 2+2 & MAVERICK 2+2 )

Rear Handrail With Footrest: Enhanced Stability And Comfort With A Built-In Footrest, Providing Extra Support And Relaxation.



REAR ARMREST WITH BUILT-IN STORAGE COMPARTMENT



UNDER SEAT CONCEALED STORAGE COMPARTMENT

OPTIONAL TOWING HITCH RECEIVER



LITHIUM  
LifePO4

# RADIAL TIRE

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



# SILENT TIRE WITH OFF-ROAD THREAD

**14X7"ALUMINUM  
WHEEL/ 23X10-14  
SILENT TIRE WITH  
OFF-ROAD THREAD**



D5-RANGER 2+2



D5-RANGER 4



D5-RANGER 6



D5-MAVERICK 2+2



D5-MAVERICK 4



D5-MAVERICK 6



# LED LIGHTING



**Beam At The Darkness !  
Eco-Friendly. Cost-efficient.  
Long Lasting. Hassle-free.**

Our personal transportation vehicles come standard with LED lights: high beams, low beam, daytime running lights, turning signals and brake lights for a brighter ride. 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.



# LITHIUM BATTERY

- 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 unnecessary disconnects 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.



**MODEL: 48V | 10Ah**



**MOBILE & PC  
LIVE MONITOR APP**



**25A ADAPTIVE  
ON-BOARD CHARGER**

# 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

## CUP HOLDERS

Never Worry About Messes And Spills Again

## STORAGE COMPARTMENT

Newly designed dash has large, dual-sized storage compartment, room for more items like keys and mobile devices.

\*Glove boxes and rear storage compartment use common keys for all locks



## USB CHARGING PORT

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

## GOLF BALL HOLDER

Keep you ready for golfing, Holes for four golf balls

## STORAGE COMPARTMENT

Extra easy-access storage compartment in the dashboard

# FEATURES



## 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 with Track enclosure rail that is built right into the top framing



## ACCELERATOR BRAKE PEDAL

Automotive style stainless pedals

## SLIDEABLE AIR VENTS

Enjoy The breeze skating through the vents without messing up you hair

## POWERED REAR VIEW MIRRORS

Powered Rear View mirrors with turn signal indicator lights

# PPG PAINTS



FLAMENCO RED



BLACK SAPPHIRE



PORTIMAO BLUE



MEDITERRANEAN BLUE



MINERAL WHITE



ARCTIC GRAY

# SEAT COLORS

\*PLEASE NOTE THAT, DUE TO VARIATIONS AMONGST PRINTINGS,ACTUAL COLORS MAY VARY SLIGHTLY FROM WHAT APPEARS ON THIS PAGE.CHECK WITH DEALER FOR ACTUALLY BRIGHTNESS/SATURATION OF A COLOR (CHECK THE PHYSICAL COLOR TEMPLATES POSSESSED BY DEALRESHIPS BEFORE YOU PLACE ORDERS ).WE RESERVE THE RIGHTS TO MAKE CORRECTIONS AS WELL AS PRODUCT ALTERATIONS AND IMPROVEMENTS AT ANY TIME WITHOUT NOTICE.



MINERAL WHITE



FLAMENCO RED



ARCTIC GRAY



PORTIMAO BLUE



MEDITERRANEAN BLUE



BLACK SAPPHIRE

# DIMENSIONS

D5-RANGER 4



D5-MAVERICK 4



# DIMENSIONS

Model	D5-RANGER 4	D5-MAVERICK 4
Rated Passengers (person)	4	4
System Voltage (V)	48	48
Motor Power (kw)	6.3	6.3
Charging Time (H)	4-5	4-5
Dimension (inch)	114.6×55.8(rearview mirror)×79.5	118.1×55.8(rearview mirror)×83.1
Wheelbase (inch)	80.7	80.7
Wheel Tread (front/rear inch)	36.42/39.17	36.42/39.17
Maximum Speed (mph)	13/25	13/25
Braking Distance (feet)	≤11.5	≤11.5
Minimum Turning Radius (feet)	11.2	11.2
Maximum Gradability (full load)	25%	25%
Curb Weight (lbs)	1058	1108
Maximum Gross Weight (lbs)	2250	2290
Minimum Ground Clearance (inch)	6.9	7
Suspension System	Front: double wishbone independent suspension Rear: leaf spring suspension	Front: double wishbone independent suspension Rear: leaf spring suspension



# DIMENSIONS

D5-RANGER 6



D5-MAVERICK 6



# DIMENSIONS

Model	D5-RANGER 6	D5-MAVERICK 6
Rated Passengers (person)	6	6
System Voltage (V)	48	48
Motor Power (kw)	6.3	6.3
Charging Time (H)	4-5	4-5
Dimension (inch)	148×55.8(rearview mirror)×80.1	151.6×55.8(rearview mirror)×84.4
Wheelbase (inch)	114.2	114.2
Wheel Tread (front/rear inch)	36.42/39.17	36.42/39.17
Maximum Speed (mph)	13/25	13/25
Braking Distance (feet)	≤11.5	≤11.5
Minimum Turning Radius (feet)	12.5	12.5
Maximum Gradability (full load)	25%	25%
Curb Weight (lbs)	1345	1395
Maximum Gross Weight (lbs)	2850	2900
Minimum Ground Clearance (inch)	6.9	7
Suspension System	Front: double wishbone independent suspension Rear: leaf spring suspension	Front: double wishbone independent suspension Rear: leaf spring suspension

# DIMENSIONS

D5-RANGER 2+2



D5-MAVERICK 2+2



# DIMENSIONS

Model	D5-RANGER 2+2	D5-MAVERICK 2+2
Rated Passengers (person)	4	4
System Voltage (V)	48	48
Motor Power (kw)	6.3	6.3
Charging Time (H)	4-5	4-5
Dimension (inch)	121.3×55.8(rearview mirror)×80.5	124.8×55.8(rearview mirror)×84.1
Wheelbase (inch)	63.8	63.8
Wheel Tread (front/rear inch)	36.42/39.17	36.42/39.17
Maximum Speed (mph)	13/25	13/25
Braking Distance (feet)	≤11.5	≤11.5
Minimum Turning Radius (feet)	10.8	10.8
Maximum Gradability (full load)	25%	25%
Curb Weight (lbs)	1014	1080
Maximum Gross Weight (lbs)	1676	1742
Minimum Ground Clearance (inch)	6.9	7
Suspension System	Front: double wishbone independent suspension Rear: leaf spring suspension	Front: double wishbone independent suspension Rear: leaf spring suspension