

Jan.2025



**KINDLY PRESENTED TO:**  
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# DACH

# BRIEF DECK

The Earth At Your Wheel

**NAME OF PROJECT:**

**Falcon 2+2  
Apollo**

**PRESENTED BY:**

Dach Vehicles

**DACH**



## Apollo

# IT'S TIME TO STEP FORWARD

Dach is recognized as a leading manufacturer of low-speed personal transportation vehicles, with years of experience and outstanding expertise in design, research and development, production, and service. Over the years, we have refined our skills, particularly in automotive components, structural design, and electric powertrains. At present, traditional golf cart brands have reached a limit in functionality and comfort, unable to meet the growing demand for versatile, high-performance community vehicles.

## DACH

Recognizing this gap in the market, four years ago we began combining our passenger vehicle design expertise with golf cart manufacturing technology. We established a new manufacturing and R&D center focused on innovation in golf carts for local short-distance commuting, recreational use, and community transportation. Today, we have the most experienced workers, skilled engineers, and talented designers, along with 2 manufacturing facilities equipped with the latest and most advanced production equipment.

As demand for high-performance, comfortable community vehicles continues to grow, traditional golf carts and local mobility solutions are no longer sufficient to meet the changing needs of the market. We understand that it is time for a revolution—a new generation of community vehicles that will redefine functionality, comfort, and sustainability. Our mission is to bring these innovative golf carts to life, providing solutions to the diverse transportation needs of modern society. The future of mobility is here, and Dach is proud to lead the way forward.

## Falcon 2+2



# Apollo



**Apollo** also comes with one-piece molded seats and a 72V long-lasting battery, ensuring both comfort and long-range durability. Whether for community commuting, leisure trips, or golf courses, Apollo is the perfect choice.

**Apollo** is a high-performance, premium four-seater all-electric low-speed vehicle. It features a unibody frame, electrophoretic coating chassis, and reinforced brakes and suspension, offering a stable, safe, and exceptionally comfortable driving experience.



# Apollo

*Apollo*

HAS 2 VERSIONS

1 **RIDER**: FOR REGULAR ROAD USE

2 **EXPLORER**: FOR ALL-TERRAIN USE

## Options

The Apollo is available in two tire versions:

**Explorer and Rider.**

It offers

**five** body colors,

**two** seat colors,

and **two** wheel rim colors,

allowing for a wide range of customizable combinations.

IS AVAILABLE IN FIVE BODY COLORS:  
WHITE, BLUE, BLACK, GREY, AND RED



OFFERS A CHOICE OF TWO SEAT COLORS:  
SERENE BEIGE AND BRIGHT ORANGE



AND TWO WHEEL RIM COLORS:  
METALLIC SILVER AND BLACK



01

02

03

# What makes



# Apollo stand out?

**Automotive Level  
Monocoque  
Frame  
& Double  
Coating Chassis**

The Dach golf cart features a Monocoque Frame design, combining body and automotive level frame into one structure for reduced weight and increased rigidity. This design enhances battery range, energy efficiency, and interior space, resulting in a more comfortable ride. Compared to traditional body-on-frame models, it offers better handling and comfort, making it suitable for golf courses, communities, and recreational use, ensuring a smoother and safer driving experience.

The electroplated and powder coating chassis offers unmatched durability and superior corrosion resistance, ensuring the vehicle remains reliable over the long term. With 360-degree corrosion protection, enhanced rigidity, and smoother handling, it provides improved safety. The thicker and more solid cross-section of the longitudinal beams further strengthens the overall structure."



# Cruise Control & Intelligent Steering Wheel

Dach Apollo model is **the first** in the industry to incorporate cruise control functionality into a golf cart.

The cruise control function greatly enhances comfort and convenience when driving a golf cart. By automatically maintaining a set speed, the driver doesn't need to constantly press the accelerator, making long drives or longer routes much easier, especially on golf courses or community roads. Additionally, this feature helps improve stability and safety, reducing driver fatigue and ensuring a smoother driving experience.



At the same time, the intelligent steering wheel not only enhances driving precision but also simplifies music control. Drivers can easily adjust the volume or switch tracks without distraction, allowing them to stay focused on the road. This feature makes in-car operations more streamlined and efficient, enhancing the overall driving experience.

## ENTERTAINING ROOF TOP



The intelligent audio system delivers an unparalleled music experience, while the multi-mode LED neon lights add a vibrant touch, offering a customizable lighting atmosphere to match any mood.

## 72V Ultra-Long Range Battery



The 72V battery not only boosts the driving range but also incorporates Dach's proprietary battery protection technology, offering enhanced safety and a longer lifespan for a more reliable and worry-free experience.

## 12.3-inch TFT LCD Touch Display



12.3-inch touch display showcases ultra-clear functions such as battery level, speed, MP3, MP4, reverse camera, CarPlay, Android Auto, and more. It also uses anti-glare technology, ensuring clear visibility under all sunlight conditions during driving.

## Wireless Charging



When addressing mobile charging needs, it's crucial to offer various options for all users. Multiple charging types like USB, USB-C, and wireless chargers ensure convenience for everyone.

# FEATURES & SPECIFICATIONS

Battery	73.6V 105AH LiFePO4 (7.728kWh)
Controller	72V 350A AC Controller
Motor Type	72V AC 6.3KW Motor
Charger	110V-240V/ 20A Onboard Charger
Dimensions (LWH)	3045×1400×2030(1990)mm (with bumper side step, height varies with configuration) (120.0×55.1×79.9 (78.3) inches)
Max Load Capacity	758 lbs
Accelerator	Hall Effect Accelerator 0-5V
Net Weight	1420/1389/1378 lbs
Passenger Capacity	4
Chassis	Automotive-grade full stamped body
Range	50 miles(at 19 mph constant speed)
Wheelbase	85.0 in
Max Speed	25 mph
Front Track	41.6 in
Min Turning Radius	14.8 feet
Rear Track	39.8 in
Max Hill Climbing Ability	30%
Tire Size	22*10-14 (Aluminum Alloy Rim)

Min Ground Clearance	7.0 in
Braking Distance	≤26.2 feet (full speed, full load)
Windshield	Hinged double-fold edge glass
Dashboard	12.3-inch TFT LCD touch display (includes battery level, current, voltage, mileage, speed, error codes, MP3, MP4, reverse camera, light control, radio, CarPlay, Android Auto, etc.)
Body Material	PP + EPDM-T20
Roof Material	PP
Mirrors	Left and right mirrors (with turn signal), interior mirror
Suspension	Front independent double-arm suspension / rear axle (12.31:1) + trailing arm + high-strength spring shock absorber
Steering System	Self-compensating gear rack steering
Braking System	Front and rear disc brakes & electronic parking brake
LED Lighting System	Front LED headlights + position lights + turn signals, rear brake lights + position lights + turn signals + reverse lights, high-mounted brake light
Steering Column	With combination switch (turn signal switch, position light switch, high/low beam switch)
Accelerator	Hall Effect Accelerator 0-5V
Drive Mode	Electromechanical integration
Rear Axle	Integrated, transmission ratio 12.31:1
Startup	NFC + phone NFC + phone Bluetooth with one-key start switch
Gearshift	R-N-D-E
Sound System	Soundbar system
Multifunction Steering Wheel	Yes
Cruise Control	Yes
Red Calipers & Red Shock Springs	Yes
Roof Configuration	Roof lining + 2×6.5-inch speakers + ambient lights + roof logo light + high-mounted brake light + soundbar system
Phone Charging	Wireless phone charging + wired phone charging + USB file playback
Music Playback	Bluetooth connection + USB file playback



# Falcon 2+2

The Falcon 2+2 is a standout model from Dach's golf cart brand, designed for those who demand both style and performance. Combining sleek aesthetics with advanced functionality, the Falcon 2+2 offers a comfortable and efficient ride for both recreational and practical use. With seating for four passengers, it is perfect for families, resorts, or community environments. The model features cutting-edge technology, such as an intuitive digital display, energy-efficient power system, and an enhanced suspension system for a smooth and enjoyable driving experience.

Whether you're cruising around a golf course or navigating through a neighborhood, the Falcon 2+2 delivers exceptional reliability and a touch of sophistication, making it the ideal choice for anyone seeking both performance and elegance in a golf cart.



# Falcon2+2

has 2 versions

- 1 **Rider:** for regular road use
- 2 **Explorer:** for all-terrain use

*Falcon*

is available in five body colors  
Grey, White, Red, Blue and Black



offers a choice of two seat colors  
Black and Toffee Brown



and two wheel rim colors  
Metallic silver and Black

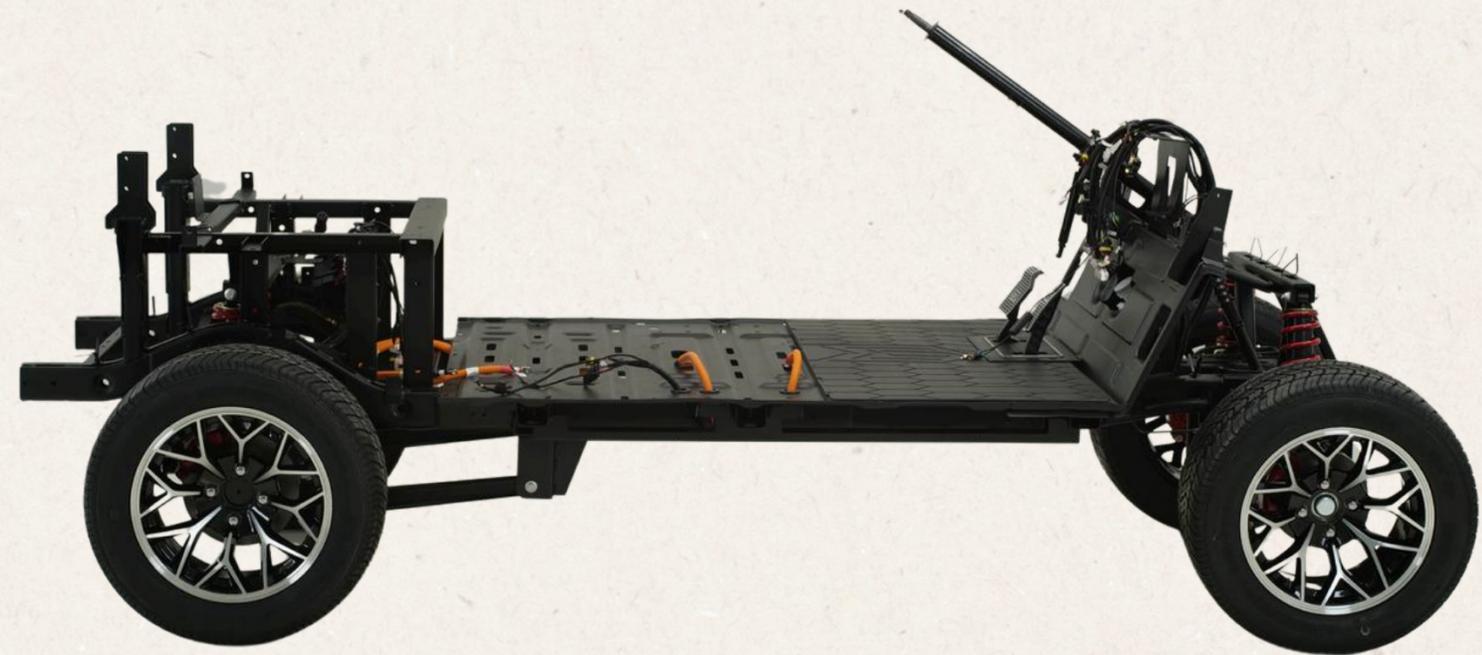


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# Automotive Level Monocoque Frame & Double Coating Chassis



The Falcon 2+2 features a Monocoque Frame design, combining body and automotive level frame into one structure for reduced weight and increased rigidity. This design enhances battery range, energy efficiency, and interior space, resulting in a more comfortable ride. Compared to traditional body-on-frame models, it offers better handling and comfort, making it suitable for golf courses, communities, and recreational use, ensuring a smoother and safer driving experience.

The electroplated and powder coating chassis offers unmatched durability and superior corrosion resistance, ensuring the vehicle remains reliable over the long term. With 360-degree corrosion protection, enhanced rigidity, and smoother handling, it provides improved safety. The thicker and more solid cross-section of the longitudinal beams further strengthens the overall structure.



## Solar-Powered Roof Top

The solar-powered canopy on Falcon 2+2 not only provides an eco-friendly driving experience but also significantly enhances the vehicle's range. The solar canopy can extend the driving range by approximately 20%, addressing the occasional issue of forgetting to charge the battery and eliminating range anxiety. Even during short trips, the solar canopy provides additional power support, ensuring that users can easily handle their daily travel needs without worrying about running out of battery. This innovative feature makes the golf cart more self-sufficient, offering a worry-free travel experience.

## Automotive-Grade Paint

Automotive-grade paint offers superior durability, a high-gloss finish, and enhanced protection against scratches, UV rays, and corrosion.

## Keyless Start & 2 Driving Modes

According to the typical car usage habits of most customers, Dach's Keyless Start System offers a convenient, safe, and comfortable driving experience, allowing the vehicle to be started and entered without removing the key.

2 driving modes, Sport & Eco, offer flexibility by allowing drivers to switch between different settings for enhanced performance or energy efficiency, depending on the situation. This provides a more flexible and efficient driving experience.





# FEATURES & SPECIFICATIONS

Specification	Details
Curb Weight	1212 lb
Overall Dimensions	114.2 x 54.7 x 80 in
Front Wheel Tread	42.5 in
Ground Clearance	5.7 in
Max Speed	25 mph
Travel Distance	> 35 mi
Loading Capacity	661 lb
Wheel Base	67 in
Rear Wheel Tread	40.1 in
Minimum Turning Radius	≤ 11.5 ft
Max. Climbing Ability (Loaded)	≤ 30%
Brake Distance	< 19.7 ft

Specification	Details
Roof	PP injection molded
Seat Cushions	Ergonomics, leather fabric
Body	Injection molded
Dashboard	Injection molded, with LCD media player
Steering System	Self-compensating "Rack & Pinion" Steering
Brake System	Front and rear disc brake hydraulic brakes with EM brake
Front Suspension	Double A-arm independent suspension + spiral spring + cylindrical hydraulic shock absorber
Rear Suspension	Cast aluminum integral rear axle + trailing arm suspension + spring damping, ratio 16:1
Tire	22/10-14, 225/30R14
Side Mirrors	Manual adjustable, foldable, with LED turn indicator

Key Components	Details
Controller	48V 350A controller
Battery	48V 105AH LiFePO4
Motor	5KW Motor
Charger	On-board charger 48V 20A
DC Converter	DC-DC 48V/12V-500W,

**As a dealer, why should you choose to partner with Dach?**

**Simply put, we prioritize your success above all else.** We

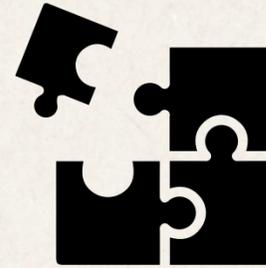
believe that your growth is directly linked to our success, and we have crafted our strategies to ensure that both our dealers and customers enjoy equal importance. At Dach, we take the partnership between us seriously and treat you as a vital part of our success story.

# WHY DACH ?



## **Dealer-Centric Support**

Unlike traditional manufacturers, Dach places our dealers on the same level of importance as our customers. Leveraging our extensive experience in passenger vehicle manufacturing and customer service, we've built a strong infrastructure. As a result, we've established a proactive engineer support system. Whenever any vehicle-related issue arises, our technical experts provide prompt and effective response and support, eliminating the cumbersome process of traditional customer service transfers and ensuring quick resolution. We will do everything we can to help you focus on communicating and serving your customers, while we become your most reliable support in problem-solving.



## **Strong Marketing and Brand Strategy**

Dach's powerful marketing and brand team consistently works on creating significant traffic and engaging creative content. Every year, we invest heavily in marketing efforts that directly benefit our dealers. The results of our large-scale data-driven initiatives and content creation strategies are designed to drive visibility and sales for you. We believe that the more we grow our brand, the more it reflects positively on you as a dealer, ensuring increased demand and visibility in your market.



## **Customization and Exclusive Offers**

Dach understands that the modern customer values personalization. Our tasteful design department constantly monitors market trends and local preferences to offer exclusive, limited-edition color combinations that cater to your customers' unique demands. As a Dach dealer, you will have access to these custom options, allowing you to offer something distinctive that sets you apart from your competitors. This attention to detail guarantees that your dealership can meet the rising demand for personalized golf carts, further elevating your appeal to diverse customer segments.



## **Commitment to Quality and Efficient Manufacturing**

At Dach, we stand by our highly efficient manufacturing capabilities. Our engineering teams are constantly exploring ways to improve both the software and hardware of our vehicles. As a dealer, you can rest assured that our products are built to the highest standards of quality. Whether it's the durability of the vehicle, the innovation behind its features, or its overall performance, we ensure that every vehicle is ready for the market. Our commitment to quality is not only about maintaining the integrity of the vehicles but also about delivering consistent performance to your customers.



## **Logistics and After-Sales Supports**

Our mature logistics and after-sales support system guarantees that you, as a dealer, will have the resources and support you need to maintain a smooth operation. We offer a fair, transparent, and highly efficient approach to sales and after-sales services. You'll never feel left behind because we are always prepared to support your dealership with parts, maintenance, and service needs. Whether it's facilitating fast shipments or providing timely technical assistance, we stand behind our products and our dealers every step of the way.



By partnering with Dach, you're not just selling vehicles—you're aligning yourself with a brand that supports you in every aspect of your business. We combine cutting-edge technology, a customer-centric approach, and a commitment to delivering the best products and services, ensuring your success is our priority. We're not just a manufacturer; we're a partner who shares in your growth and triumphs.

**Choose Dach. We're here to help you succeed.**

Jan. 2025

If you have questions or feedback, reach out to Dach Vehicles. Our team is ready to assist you with inquiries about models, purchases, or technologies. Contact us via email or visit our website for more information. Thank you for choosing Dach Vehicles!

**DACH**

D a c h V e h i c l e s

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