

Prospectus



276,667 Shares of Common Stock and Shares of Common Stock Underlying Warrants

The selling stockholder named in this prospectus may use this prospectus to offer and resell from time to time up to 276,667 shares of our common stock (the “Shares”) issued to Palladium Capital Advisors, LLC (“Palladium”) as part of Palladium’s compensation for serving as the financial advisor of DropCar, Inc. in connection with the Merger (defined herein) and which have been transferred to Palladium Holdings, LLC (“Palladium Holdings”). The issuance of the Shares to Palladium was exempt under Section 4(a) (2) of the Securities Act of 1933, as amended (the “Securities Act”).

We will not receive any of the proceeds from the sale of our common stock by the selling stockholder.

The selling stockholder named in this prospectus, or its donees, pledgees, transferees or other successors-in-interest, may offer or resell the Shares from time to time through public or private transactions at prevailing market prices, at prices related to prevailing market prices or at privately negotiated prices. The selling stockholder will bear all commissions and discounts, if any, attributable to the sale of Shares. We will bear all costs, expenses and fees in connection with the registration of the Shares. For additional information on the methods of sale that may be used by the selling stockholder, see “Plan of Distribution” beginning on page 19 of this prospectus.

Effective as of 6:05 pm Eastern Time on May 26, 2020, we filed an amendment to our Amended and Restated Certificate of Incorporation to effect a reverse stock split of the issued and outstanding shares of our common stock, at a ratio of one share for ten shares. Immediately following the reverse stock split, we issued a stock dividend of one share of the Company’s common stock for each outstanding share of common stock to all holders of record immediately following the effective time of the reverse stock split. The net result of the reverse stock split and the stock dividend was a 1-for-5 reverse stock split. All share and per share prices in this prospectus supplement have been adjusted to reflect the reverse stock split and the stock dividend.

Our common stock is listed on the Nasdaq Capital Market under the symbol “AYRO.” On September 8, 2020, the last reported sale price of our common stock was \$2.71 per share.

Investing in our securities involves a high degree of risk. These risks are discussed in this prospectus under “Risk Factors” beginning on page 14 and in our most recent Annual Report on Form 10-K and in the Form S-4, which are incorporated by reference in this prospectus, as well as in any other recently filed quarterly or current reports and, if any, in any applicable prospectus supplement.

Neither the Securities and Exchange Commission (the “SEC”) nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is September 9, 2020

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement on Form S-3 that we filed with the SEC using a “shelf” registration process. The selling stockholder named in this prospectus may resell, from time to time, in one or more offerings, the common stock offered by this prospectus. Information about the selling stockholder may change over time. When the selling stockholder sells shares of common stock under this prospectus, we will, if necessary and required by law, provide a prospectus supplement that will contain specific information about the terms of that offering. Any prospectus supplement may also add to, update, modify or replace information contained in this prospectus. If a prospectus supplement is provided and the description of the offering in the prospectus supplement varies from the information in this prospectus, you should rely on the information in the prospectus supplement. You should carefully read this prospectus and the accompanying prospectus supplement, if any, along with all of the information incorporated by reference herein and therein, before making an investment decision.

You should rely only on the information contained or incorporated by reference in this prospectus or any applicable prospectus supplement. We have not, and the selling stockholder has not, authorized any other person to provide you with different or additional information. If anyone provides you with different or additional information, you should not rely on it. This prospectus is not an offer to sell, nor is the selling stockholder seeking an offer to buy, the shares offered by this prospectus in any jurisdiction where the offer or sale is not permitted. No offers or sales of any of the shares of common stock are to be made in any jurisdiction in which such an offer or sale is not permitted. You should assume that the information contained in this prospectus or in any applicable prospectus supplement is accurate only as of the date on the front cover thereof or the date of the document incorporated by reference, regardless of the time of delivery of this prospectus or any applicable prospectus supplement or any sales of the shares of common stock offered hereby or thereby.

You should read the entire prospectus and any prospectus supplement and any related issuer free writing prospectus, as well as the documents incorporated by reference into this prospectus or any prospectus supplement or any related issuer free writing prospectus, before making an investment decision. Neither the delivery of this prospectus or any prospectus supplement or any issuer free writing prospectus nor any sale made hereunder shall under any circumstances imply that the information contained or incorporated by reference herein or in any prospectus supplement or issuer free writing prospectus is correct as of any date subsequent to the date hereof or of such prospectus supplement or issuer free writing prospectus, as applicable. You should assume that the information appearing in this prospectus, any prospectus supplement or any document incorporated by reference is accurate only as of the date of the applicable documents, regardless of the time of delivery of this prospectus or any sale of securities. Our business, financial condition, results of operations and prospects may have changed since that date.

CAUTIONARY STATEMENT REGARDING FORWARD LOOKING STATEMENTS

This prospectus and the documents incorporated by reference herein contain forward-looking statements. All statements other than statements of historical fact contained herein, including statements regarding our business plans or strategies, projected or anticipated benefits or other consequences of our plans or strategies, projected or anticipated benefits from acquisitions to be made by us, or projections involving anticipated revenues, earnings or other aspects of our operating results, are forward-looking statements. Words such as “anticipates,” “assumes,” “believes,” “can,” “could,” “estimates,” “expects,” “forecasts,” “guides,” “intends,” “is confident that,” “may,” “plans,” “seeks,” “projects,” “targets,” and “would,” and their opposites and similar expressions, as well as statements in future tense, are intended to identify forward-looking statements. Forward-looking statements should not be read as a guarantee of future performance or results and may not be accurate indications of when such performance or results will actually be achieved. Forward-looking statements are based on information we have when those statements are made or our management’s good faith belief as of that time with respect to future events and are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in or suggested by the forward-looking statements. Important factors that could cause such differences include, but are not limited to:

- we have had a history of losses and have never been profitable, and we expect to incur additional losses in the future and may never be profitable;
- the market for our products is developing and may not develop as expected;
- our business is subject to general economic and market conditions;
- our business, results of operations and financial condition may be adversely impacted by public health epidemics, including the recent COVID-19 outbreak;
- our limited operating history makes evaluating our business and future prospects difficult and may increase the risk of any investment in our securities;
- we may experience lower-than-anticipated market acceptance of our vehicles;
- developments in alternative technologies or improvements in the internal combustion engine may have a materially adverse effect on the demand for our electric vehicles;
- the markets in which we operate are highly competitive, and we may not be successful in competing in these industries;
- a significant portion of our revenues are derived from a single customer;
- we rely on and intend to continue to rely on a single third-party supplier for the sub-assemblies in semi-knocked-down for all of our vehicles;
- we may become subject to product liability claims, which could harm our financial condition and liquidity if we are not able to successfully defend or insure against such claims;

- the range of our electric vehicles on a single charge declines over time, which may negatively influence potential customers' decisions whether to purchase our vehicles;
- increases in costs, disruption of supply or shortage of raw materials, in particular lithium-ion cells, could harm our business;
- our business may be adversely affected by labor and union activities;
- we will be required to raise additional capital to fund our operations, and such capital raising may be costly or difficult to obtain and could dilute our stockholders' ownership interests, and our long-term capital requirements are subject to numerous risks;
- increased safety, emissions, fuel economy, or other regulations may result in higher costs, cash expenditures, and/or sales restrictions;
- we may fail to comply with environmental and safety laws and regulations;
- our proprietary designs are susceptible to reverse engineering by our competitors;
- if we are unable to protect the confidentiality of our trade secrets or know-how, such proprietary information may be used by others to compete against us;
- should we begin transacting business in other currencies, we would be subject to exposure from changes in the exchange rates of local currencies;
- we are subject to governmental export and import controls that could impair our ability to compete in international market due to licensing requirements and subject us to liability if we are not in compliance with applicable laws; and
- other factors discussed in the documents incorporated by reference herein, including those set forth under "Risk Factors" in our quarterly report on Form 10-Q for the quarter ended June 30, 2020, filed with the SEC on August 14, 2020.

We have included important factors in the cautionary statements included in this prospectus and the documents we incorporate by reference herein, particularly in the "Risk Factors" sections of these documents, that we believe could cause actual results or events to differ materially from the forward-looking statements that we make. Our forward-looking statements do not reflect the potential impact of any future acquisitions, mergers, dispositions, joint ventures or investments we may make. No forward-looking statement is a guarantee of future performance.

You should read this prospectus and the documents that we incorporate by reference herein completely and with the understanding that our actual future results may be materially different from what we expect. The forward-looking statements in this prospectus and the documents we incorporate by reference herein represent our views as of the date of this prospectus. We anticipate that subsequent events and developments will cause our views to change. However, while we may elect to update these forward-looking statements at some point in the future, we have no current intention of doing so except to the extent required by applicable law. You should, therefore, not rely on these forward-looking statements as representing our views as of any date subsequent to the date of this prospectus.

PROSPECTUS SUMMARY

This summary provides an overview of selected information contained elsewhere or incorporated by reference in this prospectus and does not contain all of the information you should consider before investing in our securities. You should carefully read the prospectus, the information incorporated by reference and the registration statement of which this prospectus is a part in their entirety before investing in our securities, including the information discussed under “Risk Factors” in this prospectus and the documents incorporated by reference and our financial statements and notes thereto that are incorporated by reference in this prospectus. Some of the statements in this prospectus and the documents incorporated by reference herein constitute forward-looking statements that involve risks and uncertainties. See information set forth under the section “Special Note Regarding Forward-Looking Statements.”

On May 28, 2020, pursuant to the previously announced Agreement and Plan of Merger, dated December 19, 2019 (the “Merger Agreement”), by and among AYRO, Inc., a Delaware corporation previously known as DropCar, Inc. (“we,” “us,” “our” or the “Company”), ABC Merger Sub, Inc., a Delaware corporation and a wholly owned subsidiary of the Company (“Merger Sub”), and AYRO Operating Company, Inc., a Delaware corporation previously known as AYRO, Inc. (“AYRO Operating”), Merger Sub was merged with and into AYRO Operating, with AYRO Operating continuing after the merger as the surviving entity and a wholly owned subsidiary of the Company (the “Merger”). In this prospectus, unless the context otherwise requires, references to “we,” “us,” “our,” “our company” and “AYRO” refer to AYRO, Inc. and its subsidiaries. References to “DropCar” refer to DropCar, Inc. prior to the Merger.

Overview

We design and manufacture compact, sustainable electric vehicles for closed campus mobility, urban and community transport, local on-demand and last mile delivery, and government use. Our three- and four-wheeled purpose-built electric vehicles are geared toward commercial customers including universities, last mile delivery services and food service providers.

Our Products

AYRO vehicles provide the end user an environmentally friendly alternative to internal combustion engine vehicles (cars powered by gasoline or diesel oil), for light duty uses, including low-speed logistics, maintenance and cargo services, at a lower total cost.

AYRO Club Car 411

The AYRO Club Car 411 (the “AYRO 411 Fleet”) is a family of electric, four-wheel compact, light-duty utility trucks sold exclusively through AYRO’s contracted partner, Club Car, as part of a global multi-year sustainability solution development, sales and marketing agreement. Each of the AYRO 411 Fleet of vehicles is classified as a street legal low speed vehicle (“LSV”), defined as a four-wheeled motor vehicle, other than an all-terrain vehicle, that is capable of reaching speeds of at least 20 miles per hour (“mph”) but not greater than 25 mph, with a gross vehicle weight rating of less than 3,000 pounds and meets the safety standards in Title 49 of the U.S. Code of Federal Regulations, section 571.50.

The AYRO 411 Fleet has an expected range of up to 50 miles and a maximum speed range of 25 mph (or 40 kilometers per hour), in line with the United States Department of Transportation (“USDOT”) regulations for low-speed vehicles and with most state statutes, which typically limit the speed of LSVs to 25 mph on 35 mph posted roads. The current AYRO 411 Fleet includes:

- the 411 Flatbed truck, which provides drivers with considerable versatility of use;
- the 411 Pickup truck, which is ideal for hauling; and
- the 411 Cargo Van Box, a fully enclosed cargo box.

The AYRO 411 Fleet has zero gas emissions, a recharge capability of up to six to eight hours using 120V/20A outlets and has a payload capacity of up to 1,100 pounds. AYRO estimates that the AYRO 411 Fleet's operating costs are approximately 50% lower per year compared to similarly sized gas-powered trucks/vans. Vehicles in the AYRO 411 Fleet are equipped with:

- reinforced steel (coated) chassis houses the motor, controller and enclosed battery operating system;
- auto-grade suspension with Transverse Leaf Spring on the front and horizontal spring with coil-over shock in the rear;
- power assisted steering;
- street legal if registered/licensed per standard vehicles by dealer or user;
- multi-point, anchored DOT compliant safety harnesses for driver and passenger;
- a standard back-up camera (appears on larger LCD display – see below);
- a standard 7-inch (17.7 centimeter) LCD display;
- a standard manual parking break;
- four-wheel all-disk braking system and corrosion resistant body panels; and
- heating and ventilation systems in the cabin of the truck.

With its low speed, zero-emissions, and cost-effectiveness, the AYRO 411 Fleet seeks to satisfy the needs of a variety of customers, including university and college campuses, retailers, airports and ports, business parks and campuses, warehouses, production facilities, resorts and theme parks, apartments and condos.

AYRO 311 Autocycle

The AYRO 311 Autocycle (the “AYRO 311”) is a compact, light-duty street-legal electric vehicle with a maximum speed of up to 50 mph. Strategically engineered with USDOT-compliant automotive parts, the AYRO 311 is built to a high-performance standard, has standard automotive controls and does not require any special licenses or conditions in order to drive. Like the AYRO 411 Fleet, it has a range of up to 50 miles, has zero gas emissions and a recharge capability of up to six to eight hours using 120V/20A and its operating costs are estimated to be approximately 50% lower per year compared to gas-powered vehicles.

AYRO 311's equipment includes:

- a standard back-up camera, a standard 7-inch (17.7 centimeter) LCD display;
- a standard manual parking break; enclosed and corrosion resistant body panels;
- heating, ventilation, and fan systems in the cabin of the vehicle;
- standard automotive controls including foot accelerator and brake pedals;
- a USDOT-approved windshield, a windshield wiper and washer system;
- a driver's 3-point safety belt and a passenger's 4-point safety belt; warning flashers;
- AM and FM radio;
- Bluetooth capabilities;
- a GPS system; and
- an SD card slot.

With its automotive-style controls (a steering wheel and foot pedals), the AYRO 311 drives like a regular car and accommodates the average consumer and is designed for neighborhood food delivery, last mile delivery, parking enforcement and urban dwellers. More specifically, this product targets urban dwellers due to its compact size in dense urban environments. The AYRO 311 also targets commercial customers, such as neighborhood food and product delivery fleets, gated communities, country clubs, and colleges and universities due to its highly customizable appearance with a range of brand and logo wraps, spot graphics, and color options (glossy white or athletic red), its compact design and ability to go virtually anywhere. The AYRO 311 also targets municipalities and facilities as customers for use in parking enforcement, special events, and public safety.

AYRO 511 (Concept)

AYRO is currently investigating and researching the concept vehicle, the AYRO 511, a new full-time four-wheel drive electric vehicle. The AYRO 511 is expected to have 13 inches (33 centimeters) of clearance and enhanced stability in a diverse array of terrains and seasons. Additionally, the truck will be designed to operate with an automotive-style drive system, cutting driving noise down to a minimum.

Additional Models and Vehicles

AYRO is currently in discussions with Club Car regarding a variety of new models and vehicles.

Manufacturing and Supply Chain

Manufacturing Agreement with Cenntro

In 2017, AYRO partnered with Cenntro Automotive Group, Ltd. (“Cenntro”), which operates a large electric vehicle factory in the automotive district in Hangzhou, China, in a supply chain agreement to provide sub-assembly manufacturing services. Through the partnership, Cenntro acquired nineteen percent (19%) of AYRO’s common stock. Cenntro beneficially owned approximately 13.7% as of December 31, 2019. Cenntro owns the design of the AYRO 411 Fleet vehicles and has granted AYRO an exclusive license to purchase the AYRO 411 Fleet vehicles for sale in North America.

Under AYRO’s Manufacturing License Agreement with Cenntro (the “MLA”), in order for AYRO to maintain its exclusive territorial rights pursuant to the MLA, for the first three years after the effective date of April 27, 2017, AYRO must meet the following minimum sale requirements: (i) a minimum of 300 units sold by the first anniversary of the effective date of the MLA; (ii) a minimum of 800 units sold by the second anniversary of the effective date of the MLA; and (iii) a minimum of 1,300 units sold by the third anniversary of the effective date of the MLA. Cenntro will determine the minimum sale requirements for the years thereafter. Should any event of default occur, the other party may terminate the MLA by providing written notice to the defaulting party, who will have 90 days from the effective date of the notice to cure the default. Unless waived by the party providing notice, a failure to cure the default(s) within the time 90-day time frame will result in the automatic termination of the MLA. Events of default under the MLA include a failure to make a required payment when due, the insolvency or bankruptcy of either party, the subjection of either party’s property to any levy, seizure, general assignment for the benefit of creditors, and a failure to make available or deliver the products in the time and manner provided for in the MLA.

Cenntro is also being used to perform sub-assembly manufacturing of the AYRO 311. AYRO imports semi-knocked-down vehicle kits from Cenntro for both the 411 and 311 models. The vehicle kits are received through shipping containers by AYRO’s assembly facility in Round Rock, Texas. The vehicles are then assembled with limited customization requirements per order. As such, the partnership with Cenntro allows AYRO to scale manufacturing operations without significant investment in capital expenditures, and therefore bring products to market rapidly.

AYRO currently occupies 24,000 square feet of manufacturing space configured in a “U”-shaped assembly line with multiple stations per vehicle. AYRO’s manufacturing space allows multiple assembly lines plus adequate raw material storage. The chart below indicates the number of vehicles and assembly time required for each. Assembly time also includes USDOT quality checks and testing as the final step of the assembly process. Additionally, the number of vehicles indicated below assumes a single shift. AYRO believes that its volumes could be doubled per line by adding a second shift that would operate from 4pm to midnight.

Vehicle	Assembly time (Man-Hours)	Vehicles assembled per month
AYRO 411	12.0	200
AYRO 311	14.0	200
AYRO 311x (estimated)	15.0	200

Master Procurement Agreement with Club Car

In March 2019, AYRO entered into a five-year Master Procurement Agreement (the “MPA”) with Club Car for the sale of AYRO’s four-wheeled vehicles. The MPA grants Club Car the exclusive right to sell the AYRO 411 Fleet in North America, provided that Club Car orders a mutually agreed on number of AYRO vehicles per year. Under the terms of the MPA, AYRO receives orders from Club Car dealers for vehicles of specific configurations, and AYRO invoices Club Car once the vehicle has shipped. The MPA has an initial term of five years commencing January 1, 2019 and may be renewed by Club Car for successive one-year periods upon 60 days’ prior written notice. AYRO also agreed to collaborate with Club Car on developing new products similar to the AYRO 411 Fleet and improvements to existing products, and AYRO granted Club Car a right of first refusal to purchase similar commercial utility vehicles which AYRO develops during the term of the MPA. AYRO is currently engaged in discussions with Club Car to develop additional products to be sold by Club Car in Europe and Asia, but there can be no assurance that these discussions will be successful. Pursuant to the MPA, AYRO also granted Club Car a right of first refusal in the event that AYRO intends to sell 51% or more of its assets or equity interests, which right of first refusal is exercisable for a period of 45 days following AYRO’s delivery of an acquisition notice to Club Car.

Strategic Partnership with Autonomic

Additionally, AYRO is developing a technology platform that can be deployed to any vehicle as additional value-add subscriptions offered directly to the end customer. AYRO has partnered with Autonomic, a wholly-owned subsidiary of Ford Smart Mobility LLC, to collect vehicle health, use and location information (telematics) in its transportation mobility cloud and produce purpose-built information back to AYRO, customers and fleet operators, generating an additional revenue stream. Working together, the companies aim to develop a range of services to enable mobility applications for AYRO’s line of vehicles which power everything from moving products and equipment to people and last-mile delivery services.

Engineering Development and Production Process Validation

As a baseline, AYRO’s product development and engineering efforts align with the Society of Automotive Engineering (“SAE”) J2258_201611 standards for Light Utility Vehicles. The J2258 standard provides key compliance criteria for Gross Vehicle Weight Rating (“GVWR”), occupant protection and safety restraint systems, lateral and longitudinal stability, center of gravity and operating controls, among others. AYRO’s test validation and inspection standards follow Federal Motor Vehicle Safety Standards (“FMVSS”) 49 CFR 571.500 for LSVs with the additions of SAE J585 and FMVSS 111 for rear visibility, lighting, signaling, reflectors, changes in direction of movement, back-up camera response timing and field of view.

AYRO's development standards and test compliance validation processes are supported by a variety of test documentation including supplier self-reporting, third party laboratory test reports and regional compliance validation with the California Air Resource Board ("CARB") for speed, range and environmental performance.

AYRO's production system follows a lean, cell-based, manufacturing model. The process involves the following five sequential cells: (1) cab preparation, (2) chassis preparation, (3) system integration and testing, (4) final assembly and integration test, and (5) QA & FMVSS Compliance. Assembly quality and shift efficiency metrics are measured daily by AYRO production staff at end of every shift.

AYRO maintains a certification and compliance check list for each vehicle. AYRO's three and four-wheeled vehicles use an automotive style steering wheel, turn signal stalk, headlight, running light and reverse light controls, a multi-speed windshield wiper and washer and an accelerator and brake pedal consistent with controls employed in standard passenger cars. As the AYRO 311 and AYRO 411 are direct drive vehicles, there is no stick shift, clutch, paddle shift, or belt driven CSV (continuously variable) transmission needed to operate the vehicles within the intended torque band and speed range. Accordingly, AYRO's vehicles are homologated under existing U.S., state and local LSV requirements and the corresponding motorcycle and autocycle requirements under 49 CFR 571.3.

The Industry and AYRO's Competitive Position

The U.S. electric vehicle market is expected by many commentators to increase dramatically over the next decade, driven by factors such as the country's increasingly urbanized population, the significant cost of owning and operating gas-powered vehicles, the growing global awareness of the damaging effects of pollution and greenhouse gas emissions, and rising investment in clean technology and supporting infrastructure.

A segment of the electric vehicle market, low speed electric vehicles ("LSEVs")—which are LSVs but cannot be powered by gas or diesel fuel—are growing increasingly popular as eco-friendly options for consumers and commercial entities. LSEVs run on electric motors fueled by a variety of different batteries, such as lithium ion, molten salt, zinc-air and various nickel-based designs.

In 2017, the global LSEV market was valued at approximately \$2,395 million, according to Allied Market Research, and global sales of LSEVs have only continued to grow over the past two years, with sales expected to reach 1.5 million units in 2021. According to the Low Speed Electric Vehicles Market report conducted by Market Study Report, over the next five years, the LSEV market is expected to register a 10.8% compound annual growth rate in terms of revenue, with the global market size expected to reach \$8,870 million by 2024, up from \$4,790 million in 2019.

Trends Driving the Need for Electric Vehicles

Trends such as increasingly stringent government regulations aimed toward reducing vehicle emissions, growing urban populations, and social pressure to adopt sustainable lifestyles all create a demand for more ecologically and economically sustainable methods of transportation. This demand continues to spur technological advancements and LSEV market growth.

Incentivizing Effect of Government Rules and Regulations. Expanding rules and regulations governing vehicle emissions have contributed to growth in the LSEV market. In particular, the U.S., Germany, France, and China have implemented stringent laws and regulations governing vehicular emissions, requiring automobile manufacturers to use advanced technologies to combat high-emission levels in vehicles. To incentivize clean-energy use, many governments are increasingly instituting substantial incentives for consumers to purchase electric vehicles, such as:

- tax credits, rebates, and exemptions; reduced vehicle registration fees;
- reduced utility rates; and
- parking incentives.

Further, governments are establishing infrastructure benchmarks to support the growth of the electric vehicle industry.

A prime example of government involvement in developing the electric vehicle industry, a recent New Jersey bill aims to have 330,000 electric vehicles on state roads by the end of 2024 and a total of 2 million by 2035. To facilitate this goal, the bill calls for the state to have 400 fast-charging stations and another 1,000 slow-charging stations, both by 2025. Thirty percent of all apartment, condo and townhouse developments in New Jersey would need to have chargers by 2030, while half of all franchise hotels would need to have chargers by 2050. As the network of government rules and regulations expands, so too should investment in the research and development of LSEV technology and infrastructure.

Urbanization on the Rise. According to the U.N., in 2015, 55% of the world's population was urban, and by 2050, it is estimated that this percentage will increase to 68%. As the world population continues to urbanize, a growing number of consumers are expected to seek alternatives, such as LSEVs, to internal combustion engine vehicles in order to save money and space in congested city streets.

Increasing Sense of Social Responsibility. In tandem with governmental efforts to curb pollution and encourage more sustainable transportation practices, consumers face increasing social pressure to adopt eco-friendly lifestyles. As this demand grows, the LSEV market should continue to develop.

Target Markets

The multipurpose applications and clean energy use of LSEVs make them popular across a wide array of industries and customers, including college and university campuses, resorts and hotels, corporate parks, hospitals, warehouses, individual consumers, last mile delivery service providers, municipalities, and the food service industry. A number of these market segments, and AYRO's competitive position within them, are discussed in greater detail below.

Universities. LSEVs are growing increasingly common on university and college campuses due to a number of factors. LSEVs fulfill the versatile needs of campuses better than golf carts or standard combustion vehicles because, not only does LSEVs' low speed threshold promote safer driving among pedestrians, the vehicles are also street legal with on-road safety features, enabling drivers to drive on roads and free up pedestrian space along sidewalks and smaller pathways. Additionally, the significantly reduced carbon imprint of LSEVs compared to internal combustion engine vehicles appeal to environmentally aware students and professors looking to promote environmental sustainability on campus. By transitioning from internal combustion engine vehicles to LSEVs, campuses should be able to reduce significantly the costs spent on fuel, oil, parts, and maintenance. AYRO's vehicles, particularly the AYRO 411 Fleet, provide all of these benefits to university and college campuses. AYRO estimates that in the U.S., there are over 1,800 higher education campuses with over 10,000 students each with over 400 on-campus vehicles that are ideal targets for the AYRO 411 Fleet as campuses transition from fossil-fueled campus fleet vehicles to EVs.

Food Delivery Services. As the millennial generation assumes a more substantial portion of the consumer population, customers increasingly favor convenience and timeliness, spurring dramatic growth in online ordering and delivery services across a wide swath of industries, including food delivery and restaurant ordering services. Food delivery sales are anticipated to increase over 20% per year, culminating in an expected \$365 billion worldwide by 2030, according to Upserve. Upserve further estimates that approximately 60% of U.S. consumers report that they order delivery or takeout at least once a week. Within the next decade, potentially over 40% of restaurant sales will be attributable to delivery services, according to Morgan Stanley.

In its market research, AYRO has determined that delivery services, including restaurants using the AYRO 311 as a delivery vehicle rather than outsourcing delivery to third party services, have reduced their delivery costs by up to 50%. Delivery service companies using the AYRO 311 as an in-house delivery vehicle rather than outsourcing delivery are also better equipped to manage the customer experience and maintain customer relationships and data.

Last Mile Delivery Service. Retail focus on last mile delivery—the movement of goods from a transportation hub to the final delivery destination—has grown exponentially over the past few years due to the rise in online ordering and e-commerce. Consumers’ ability to pick and choose products based on delivery speed and availability makes last mile delivery a key differentiator among retailers. Last mile delivery provides retailers timelier and more convenient delivery options not offered by the main three shipping services in the U.S. (the U.S. Postal Service, FedEx, and UPS). Additionally, given the increasing designation of low emission zones in urban centers, retailers will need to continue to deploy eco-friendly vehicles. Retailers will likely expand the use of LSEV fleets to make deliveries in low emission zones due to their zero gas emissions and lower price than competing electric vehicles. AYRO expects that the AYRO 411 Fleet, with its variety of cargo bed options ideal for hauling and delivery and its low price point, should stand out among the competition. Additionally, the AYRO 311 autocycle is ideal for short point-destination deliveries for smaller packages and urgent urban courier-style deliveries.

Municipalities. As more city governments adopt regulations geared toward reducing pollution from vehicles, cities are increasingly looking to replace their municipal vehicles with zero-emission fleets. Such fleet overhauls, however, can be costly. LSEVs are a cheaper and more practical option for cities daunted by the cost of standard electronic vehicles. AYRO’s LSEVs have both on and off-road capabilities, making them particularly versatile for municipalities.

On-Road and Personal Transportation. LSEVs offer a feasible and practical method of transportation, especially in urban centers. Because AYRO’s LSEVs are street-legal, they offer city dwellers a more sustainable, cost-efficient, easily maneuverable, compact and light weight option compared to internal combustion engine vehicles. AYRO LSEVs also offer a variety of specifications and equipment, meaning that consumers do not have to sacrifice comfort or convenience.

Market Considerations

AYRO primarily focuses on the LSEV North American market, which is highly competitive and constitutes 28% of the global LSEV market according to Wise Guy Reports. AYRO has examined various considerations with regard to the AYRO’s market impact, including cost comparisons to existing vehicles in the market, market validation and target commercial markets.

Competition

The worldwide automotive market, particularly for economy and alternative fuel vehicles, is highly competitive, and AYRO expects it will become even more so in the future. Other manufacturers have entered the three-wheeled vehicle market, and AYRO expects additional competitors to enter this market within the next several years. As the LSEV market grows increasingly saturated, AYRO expects to experience significant competition. The most competitive companies in the global LSEV market include HDK Electric Vehicles, Bradshaw Electric Vehicles, Textron Inc., Polaris Industries, Yamaha Motors Co. Ltd., Ingersoll Rand, Inc., Speedway Electric, AGT Electric Cars, Bintelli Electric Vehicles and Ligier Group. AYRO’s relationship with Club Car, a division of Ingersoll Rand, Inc., gives AYRO a strong competitive advantage. Despite this fact, many of the other competitors listed above have significantly greater financial, technical, manufacturing, marketing and other resources than AYRO and may be able to devote greater resources to the design, development, manufacturing, distribution, promotion, sale and support of their products. Many of these competitors modify an existing fossil-fuel powered golf cart to meet utility and commercial needs for an all-electric commercial utility vehicle, unlike the AYRO 411 Fleet, which was engineered, designed and produced as a portfolio of electric, light duty trucks and vans.

When compared to internal combustion engine vehicles, AYRO’s vehicles are significantly more attractive based on tax, title and license fees and CO2 emissions. Compared to a standard Ford F150 (gasoline) pickup truck (2.7 liter), the AYRO 411 Fleet provides an approximate 49% reduction in operating expenses and an approximate 100% reduction in CO2 emissions (if renewed energy is used to charge the AYRO vehicles, an increasing trend for most higher education campuses and government facilities). Compared to a Nissan Versa (gasoline) four cylinder (1.6 liter) sub-compact car, the AYRO 311 provides a similarly drastic reduction in operating expenses and CO2 emissions. Additionally, the AYRO 311’s starting manufacturer suggested retail price (“MSRP”) is \$9,999. Arcimoto and SOLO market three-wheeled electric vehicles with starting MSRPs of \$19,900 and \$15,888, respectively.

AYRO's most closely-matched competitor in the LSEV industry is Polaris Gem ("Gem"), an LSEV manufacturer that manufactures products designed for applications similar to AYRO's. Gem offers three passenger vehicle models and two utility vehicle models. Although Gem's GEM el XD model, which is similar to vehicles in the AYRO 411 Fleet, has a lower starting MSRP than the AYRO 411 Fleet, the GEM el XD would need to be highly configured to match the standard AYRO 411 Fleet features and, with such configuration, would exceed the base MSRP of each vehicle in the AYRO 411 Fleet. The AYRO 411 Fleet has a greater pick-up bed and van box capacity than the GEM el XD, in addition to 13% more horsepower and a 48% better turning radius, allowing drivers of the AYRO 411 Fleet to execute maneuvers in tighter spaces than they would using the GEM el XD.

AYRO expects competition in its industry to intensify in the future in light of increased demand for alternative fuel vehicles, continuing globalization and consolidation in the worldwide automotive industry. Factors affecting competition include product quality and features, innovation and development time, pricing, reliability, safety, customer service and financing terms. Increased competition may lead to lower vehicle unit sales and increased inventory, which may result in downward price pressure and may adversely affect AYRO's business, financial condition, operating results and prospects. AYRO's ability to successfully compete in its industry will be fundamental to its future success in existing and new markets and its market share. There can be no assurances that AYRO will be able to compete successfully in its markets. If AYRO's competitors introduce new cars or services that compete with or surpass the quality, price or performance of AYRO's vehicles or services, AYRO may be unable to satisfy existing customers or attract new customers at the prices and levels that would allow AYRO to generate attractive rates of return on its investment. Increased competition could result in price reductions and revenue shortfalls, loss of customers and loss of market share, which could harm AYRO's business, prospects, financial condition and operating results.

AYRO's Strategy

AYRO's goal is to continue to develop and commercialize automotive-grade, sustainable electric transportation solutions for the markets and use cases that AYRO believes can be well served by AYRO's purpose-built, street legal and road-ready electric vehicles. AYRO's business strategy includes the following:

- Leverage the relationship with Club Car to expand AYRO's product portfolio and increase its customer base. AYRO is working on and has plans to expand its current electric transportation solutions portfolio in collaboration with Club Car. This plan includes next generation light duty trucks and new purpose-driven electric vehicles. Additionally, AYRO is collaborating with Club Car's sales and marketing teams to expand adoption of its vehicles in the United States and intends to expand its geographical footprint within Club Car's global distribution and channel network.
- Rapidly scale up AYRO's operations to achieve growth. AYRO intends to direct resources to scale up AYRO's operations, which AYRO believes is needed to increase its revenue, including expanding and optimizing its automotive component supply chain and AYRO's flow-based assembly operations in Round Rock, Texas. Further, AYRO plans to expand sales territories and add distribution channels, forming strategic partnerships to build-out its whole product offering and to access additional sales channels or to accelerate product adoption for particular vertical markets, building AYRO's brand, and increasing manufacturing capacity to produce higher volumes of electric vehicles.
- Identify defined markets and use cases which are currently under-served but represent sizable market opportunity sub-sets of the electric vehicle market and focus development efforts on road-ready autocycles and other purpose-built electric vehicles to address such markets. AYRO is currently developing a new series of automotive-grade autocycles, engineered and optimized to meet targeted use cases such as last mile and urban delivery. AYRO is also working on Club Car's next generation, electric light duty trucks and developing a new purpose-built vehicle with Club Car. AYRO intends to direct resources to advance the development of such purpose-built transportation solutions which AYRO believes will allow the company to address currently underserved, yet growing markets, that are application specific. AYRO believes that AYRO's all-electric transportation solutions, such as its compact, lightweight and maneuverable campus and urban vehicles, can benefit targeted geographical and vertical customers by offering lower annual/lifetime total cost of ownership for zero emissions/zero carbon footprint vehicles.

- Invest in research and development and qualification of sensors, cameras, software and mobility services seeking to enhance the value of using AYRO's electric vehicles and to derive incremental potential revenue streams for AYRO and its partner ecosystem. AYRO intends to integrate radio frequency-enabled hardware and develop data collection, communication processes and mobility services in collaboration with Autonomic. AYRO and Autonomic plan to develop a technology platform that collects vehicle health, use and location information (telematics) into its transportation mobility cloud and produces purpose-built information back to AYRO, customers and fleet operators, the subscription to which can be offered to the end customers which AYRO believes will enhance the value of using AYRO's electric vehicles and provide additional revenue stream.

Reverse Stock Split and Stock Dividend

Effective as of 6:05 pm Eastern Time on May 28, 2020, we filed an amendment to our certificate of incorporation to effect a reverse stock split of the issued and outstanding shares of our common stock, at a ratio of one share for ten shares (the "Reverse Stock Split"). Immediately following the Reverse Stock Split, we issued a stock dividend of one share of the Company's common stock for each outstanding share of common stock to all holders of record immediately following the effective time of the Reverse Stock Split (the "Stock Dividend"). The net result of the Reverse Stock Split and the Stock Dividend was a 1-for-5 reverse stock split. We made proportionate adjustments to the per share exercise price and/or the number of shares issuable upon the exercise or vesting of all stock options, restricted stock units (if any) and warrants outstanding as of the effective times of the Reverse Stock Split and the Stock Dividend in accordance with the terms of each security based on the split or dividend ratio (i.e., the number of shares issuable under such securities has been divided by ten and multiplied by two, and, in the case of stock options and warrants, the exercise or conversion price per share has been multiplied by ten and divided by two). Also, we reduced the number of shares reserved for issuance under our equity compensation plans proportionately based on the split and dividend ratios. Except for adjustments that resulted from the rounding up of fractional shares to the next whole share, the Reverse Stock Split and Stock Dividend affected all stockholders uniformly and did not change any stockholder's percentage ownership interest in the Company. All share and related option and warrant information presented in this prospectus supplement have been retroactively adjusted to reflect the reduced number of shares outstanding and the increase in share price which resulted from these actions; however, common stock share and per share amounts in the accompanying prospectus and certain of the documents incorporated by reference herein have not been adjusted to give effect to the Reverse Stock Split and the Stock Dividend.

Registered Direct Offerings

In June 2020, we entered into a Securities Purchase Agreement with certain institutional and accredited investors, pursuant to which AYRO agreed to issue and sell in a registered direct offering an aggregate of 2,200,000 shares (the “June 2020 Shares”) of our common stock, par value \$0.0001 per share, at an offering price of \$2.50 per share, for gross proceeds of approximately \$5.5 million before the deduction of fees and offering expenses. The June 2020 Shares were offered by us pursuant to a shelf registration statement on Form S-3 (File No. 333-227858), previously filed with the Securities and Exchange Commission on October 16, 2018, and declared effective by the Securities and Exchange Commission on November 9, 2018.

In July 2020, we entered into a Securities Purchase Agreement with certain institutional and accredited investors, pursuant to which AYRO agreed to issue and sell in a registered direct offering an aggregate of 3,157,895 shares (the “July 2020 Shares”) of our common stock, par value \$0.0001 per share, at an offering price of \$4.75 per share, for gross proceeds of approximately \$15.0 million before the deduction of fees and offering expenses. The July 2020 Shares were offered by us pursuant to a shelf registration statement on Form S-3 (File No. 333-227858), previously filed with the Securities and Exchange Commission on October 16, 2018, and declared effective by the Securities and Exchange Commission on November 9, 2018.

On July 23, 2020, we entered into a Securities Purchase Agreement with certain institutional and accredited investors, pursuant to which we agreed to issue and sell in a registered direct offering an aggregate of 1,850,000 shares of common stock and the option to purchase 1,387,500 additional shares of common stock through October 19, 2020 (the “July 23, 2020 Shares”) of our common stock, par value \$0.0001 per share, at an offering price of \$5.00 per share, for gross proceeds of approximately \$9.25 million at the initial closing before the deduction of fees and offering expenses (the “July 23 Offering”). The July 23, 2020 Shares were offered by us pursuant to a shelf registration statement on Form S-3 (File No. 333-227858), previously filed with the Securities and Exchange Commission on October 16, 2018, and declared effective by the Securities and Exchange Commission on November 9, 2018.

Corporate Information

We were incorporated in the State of Delaware on December 18, 1997 under the name “Internet International Communications Ltd.” Pursuant to a Certificate of Amendment to our Certificate of Incorporation filed on December 23, 2004, our name was changed to “WPCS International Incorporated.” On January 30, 2018, we completed a business combination with DropCar, Inc., a then privately held Delaware corporation (“Private DropCar”), in accordance with the terms of a merger agreement, pursuant to which a merger subsidiary merged with and into Private DropCar, with Private DropCar surviving as our wholly owned subsidiary (the “2018 Merger”). On January 30, 2018, immediately after completion of the 2018 Merger, we changed our name to “DropCar, Inc.” The 2018 Merger was treated as a reverse merger under the acquisition method of accounting in accordance with U.S. GAAP. In May 2020, we completed the Merger and changed our name to “AYRO, Inc.” Our principal corporate office is located at AYRO, Inc., 900 E. Old Settlers Boulevard, Suite 100, Round Rock, TX 78664, telephone 512-994-4917. Our internet address is <https://ayro.com/>. Our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, and all amendments to those reports, are available to you free of charge through the “Investors” section of our web site as soon as reasonably practicable after such materials have been electronically filed with, or furnished to, the Securities and Exchange Commission. Information contained on our web site does not form a part of this prospectus.

THE OFFERING

Securities offered by the selling stockholder	Up to 276,667 shares of our common stock, par value \$0.0001 per share.
Selling stockholder	All of the shares of common stock are being offered by the selling stockholder named herein. See “Selling Stockholder” on page 16 of this prospectus for more information on the selling stockholder.
Use of proceeds	We will not receive any proceeds from the sale of the common stock offered by the selling stockholder. See “Use of Proceeds” on page 15 of this prospectus.
Plan of Distribution	The selling stockholder, or its pledgees, donees, transferees, distributees, beneficiaries or other successors-in-interest, may offer or sell the shares from time to time through public or private transactions at prevailing market prices, at prices related to prevailing market prices or at privately negotiated prices. The selling stockholder may also resell the shares of common stock to or through underwriters, broker-dealers or agents, who may receive compensation in the form of discounts, concessions or commissions. See “Plan of Distribution” beginning on page 19 of this prospectus for additional information on the methods of sale that may be used by the selling stockholder.
Risk factors	See “Risk Factors” beginning on page 14 and the other information included elsewhere in this prospectus for a discussion of factors you should carefully consider before deciding to invest in our common stock.
NASDAQ trading symbol for common stock	Our common stock is listed on the Nasdaq Capital Market under the symbol “AYRO.”

RISK FACTORS

An investment in our securities involves a high degree of risk. Before deciding whether to invest in our securities, you should consider carefully the specific factors discussed under the heading "Risk Factors" in the applicable prospectus supplement, together with all of the other information contained or incorporated by reference in the prospectus supplement or appearing or incorporated by reference in this prospectus. You should also consider the risks, uncertainties and assumptions discussed under Part II, Item 1A, "Risk Factors," in our Quarterly Report on Form 10-Q for the quarter ended June 30, 2020, which is incorporated herein by reference, as updated or superseded by the risks and uncertainties described under similar headings in the other documents that are filed after the date hereof and incorporated by reference into this prospectus and any prospectus supplement related to a particular offering. The risks and uncertainties we have described are not the only ones we face. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also affect our operations. Past financial performance may not be a reliable indicator of future performance, and historical trends should not be used to anticipate results or trends in future periods. If any of these risks actually occurs, our business, business prospects, financial condition or results of operations could be seriously harmed. This could cause the trading price of our common stock to decline, resulting in a loss of all or part of your investment. Please also read carefully the section below entitled "Cautionary Statement Regarding Forward-Looking Statements."

USE OF PROCEEDS

All shares of our common stock offered by this prospectus are being registered for the account of the selling stockholder, and we will not receive any proceeds from the sale of these shares.

SELLING STOCKHOLDER

The selling stockholder named in the table below may from time to time offer and sell pursuant to this prospectus and any applicable prospectus supplement up to 276,667 shares of common stock.

DropCar Placement Agent and Merger Advisory Agreement with Palladium

On December 5, 2019, DropCar entered into a Placement Agent and Merger Advisory Agreement with Palladium (the “DropCar Palladium Agreement”), whereby Palladium agreed to (i) act as the non-exclusive placement agent in a private placement of, or similar unregistered transaction involving, equity or equity-linked securities of DropCar to a limited number of institutional, accredited individual or strategic investors (each such transaction, a “DropCar Financing Transaction”), and (ii) serve as DropCar’s exclusive financial advisor and investment banker to provide general financial advisory and investment banking services in connection with a possible business combination of DropCar with an unaffiliated third party.

Pursuant to the DropCar Palladium Agreement, among other things, in connection with the closing of each DropCar Financing Transaction, DropCar agreed to (a) pay Palladium a cash fee equal to 8% of the aggregate gross proceeds raised in each transaction, payable in cash at the time of such closing, and (b) issue Palladium five-year warrants to purchase a number of shares of common stock of DropCar equal to 7% of the aggregate number of shares sold in each DropCar Financing Transaction.

Pursuant to the DropCar Palladium Agreement, for Palladium’s advisory services to DropCar in connection with the Merger, upon consummation of the Merger, Palladium received the Shares.

In addition, DropCar agreed to reimburse Palladium periodically for its reasonable and customary out-of-pocket and incidental expenses incurred during the term of Palladium’s engagement, including the fees and expenses of its legal counsel and those of any other advisor retained by Palladium. The DropCar Palladium Agreement contains indemnification provisions and representations and warranties customary to such agreements.

December 2019 Private Placements of the Pre-Funded Warrants and the Palladium Bridge Warrants (the “December 2019 Private Placements”)

On December 19, 2019, the Company entered into the Merger Agreement with AYRO Operating, pursuant to which a subsidiary of DropCar merged with and into AYRO Operating, with AYRO Operating continuing as a wholly owned subsidiary of DropCar. Simultaneously with the signing of the Merger Agreement, certain accredited investors, including certain stockholders of DropCar, purchased \$1.0 million of AYRO Operating’s convertible bridge notes in connection with a bridge loan (the “Bridge Loan”) and agreed to purchase, prior to the Merger, shares of AYRO Operating common stock and warrants for an aggregate purchase price of \$850,000 in a private placement (the “\$850K Private Placement”), \$1.15 million in another private placement (the “\$1.15M Private Placement” and, collectively with the \$850K Private Placement, the “AYRO Private Placements”) and 1,750,000 shares of AYRO Operating common stock for nominal consideration in the Nominal Stock Subscription. Upon closing of the Merger in May 2020, this debt was converted to equity under the terms of the Merger Agreement.

Pursuant to an engagement agreement (the “Palladium Advisory Agreement”), dated December 19, 2019, between AYRO Operating and Palladium, AYRO Operating engaged Palladium to (i) act as the non-exclusive placement agent in a private placement of, or similar unregistered transaction involving, equity or equity-linked securities of AYRO Operating to a limited number of institutional, accredited individual or strategic investors, and (ii) serve as AYRO Operating’s non-exclusive advisor in connection with a merger. Palladium served as the non-exclusive placement agent in the Bridge Loan and the AYRO Private Placements. AYRO Operating issued to Palladium warrants to purchase AYRO Operating common stock that converted pursuant to their terms in the Merger into the right to purchase an aggregate of 232,403 shares of AYRO common stock, of which 92,186 related to the \$850K Private Placement, at an exercise price of \$0.7423 per warrant share, 68,075 related to the \$1.15M Private Placement, at an exercise price of \$1.3599 per warrant share, and 72,142 related to the Bridge Loan, at an exercise price of \$1.1159 per warrant share (on a post-Reverse Stock Split and post-Stock Dividend basis).

Financial Advisor Warrants

June 2020 Warrants

In June 2020, AYRO entered into a Securities Purchase Agreement with certain institutional and accredited investors, pursuant to which AYRO agreed to issue and sell in a registered direct offering an aggregate of 2,200,000 shares (the “June 2020 Shares”) of common stock of AYRO, par value \$0.0001 per share, at an offering price of \$2.50 per share, for gross proceeds of approximately \$5.5 million before the deduction of fees and offering expenses (the “June Offering”). The June 2020 Shares were offered by AYRO pursuant to a shelf registration statement on Form S-3 (File No. 333-227858), previously filed with the Securities and Exchange Commission on October 16, 2018, and declared effective by the Securities and Exchange Commission on November 9, 2018.

Pursuant to the Palladium Advisory Agreement, upon the closing of the June Offering, we issued to Palladium the “June Palladium Warrants to purchase an aggregate of 126,000 shares of our common stock (which equals 7% of the aggregate number of shares sold in the June Offering to investors introduced to us by Palladium) at an exercise price of \$2.875 per share (which represents 115% of the offering price per share sold in the June Offering). The June Palladium Warrants are exercisable at any time and from time to time, in whole or in part, following the date of issuance and until June 19, 2025.

July 2020 Warrants

In July 2020, AYRO entered into a Securities Purchase Agreement with certain institutional and accredited investors, pursuant to which AYRO agreed to issue and sell in a registered direct offering an aggregate of 3,157,895 shares (the “July 2020 Shares”) of common stock of AYRO, par value \$0.0001 per share, at an offering price of \$4.75 per share, for gross proceeds of approximately \$15 million before the deduction of fees and offering expenses (the “July Offering”). The July 2020 Shares were offered by AYRO pursuant to a shelf registration statement on Form S-3 (File No. 333-227858), previously filed with the Securities and Exchange Commission on October 16, 2018, and declared effective by the Securities and Exchange Commission on November 9, 2018.

Pursuant to the Palladium Advisory Agreement, upon the closing of the July Offering, we issued to Palladium the July Palladium Warrants to purchase an aggregate of 147,368 shares of our common stock (which equals 7% of the aggregate number of shares sold in this offering to investors introduced to us by Palladium) at an exercise price of \$5.4625 per share (which represents 115% of the offering price per share sold in the July Offering). The July Palladium Warrants are exercisable at any time and from time to time, in whole or in part, following the date of issuance and until July 8, 2025.

On July 23, 2020, AYRO entered into a Securities Purchase Agreement with certain institutional and accredited investors, pursuant to which AYRO agreed to issue and sell in a registered direct offering an aggregate of 1,850,000 shares of common stock and options to purchase 1,387,500 shares of common stock through October 19, 2020 (the “July 23, 2020 Shares”) of common stock of AYRO, par value \$0.0001 per share, at an offering price of \$5.00 per share, for gross proceeds of approximately \$9.25 million before the deduction of fees and offering expenses (the “July 23 Offering”). The July 23, 2020 Shares were offered by AYRO pursuant to a shelf registration statement on Form S-3 (File No. 333-227858), previously filed with the Securities and Exchange Commission on October 16, 2018, and declared effective by the Securities and Exchange Commission on November 9, 2018.

Pursuant to the Palladium Advisory Agreement, upon the closing of the July 23 Offering, we issued to Palladium the July 23 Palladium Warrants to purchase an aggregate of 129,500 shares of our common stock (which equals 7% of the aggregate number of shares sold in this offering to investors introduced to us by Palladium) at an exercise price of \$5.75 per share (which represents 115% of the offering price per share sold in the July 23 Offering). The July 23 Palladium Warrants are exercisable at any time and from time to time, in whole or in part, following the date of issuance and until July 23, 2025.

Relationship with the Selling Stockholder

Palladium Holdings is an affiliate of Palladium. Palladium served as our placement agent and/or financial advisor in connection with the Bridge Loan, the \$850K Private Placement, the \$1.15M Private Placement, the July Offering and the July 23 Offering.

Palladium served as the placement agent and financial advisor of DropCar in connection with the Merger.

Except with respect to the foregoing, the selling stockholder has not, or within the past three years has not had, any position, office or other material relationship with us.

Information About Selling Stockholder Offering

The following table sets forth the number and percentage of our common stock beneficially owned by the selling stockholder as of August 13, 2020.

The percentage of shares owned after the offering is based on 24,283,218 shares of common stock outstanding as of August 13, 2020. Unless otherwise indicated in the footnotes to this table, we believe that the selling stockholder has sole voting and investment power with respect to the shares of common stock indicated as beneficially owned.

As used in this prospectus, the term “selling stockholder” includes the selling stockholder set forth below and any donees, pledgees, transferees or other successors-in-interest selling shares of common stock received after the date of this prospectus from the selling stockholder as a gift, pledge, or other non-sale related transfer.

The third and fourth column in the table below assume the sale of all of the shares offered by the selling stockholder pursuant to this prospectus and that the selling stockholder does not acquire any additional shares of common stock before the completion of this offering. However, because the selling stockholder may sell all or some of its shares under this prospectus from time to time, or in another permitted manner, we cannot assure you as to the actual number of shares that will be sold by the selling stockholder or that will be held by the selling stockholder after completion of any sales. The selling stockholder may sell some, all or none of its shares in this offering. We do not know how long the selling stockholder will hold the Shares before selling them, and we currently have no agreements, arrangements or understandings with the selling stockholder regarding the sale of the Shares.

Selling Stockholder	Ownership Before Offering		Ownership After Offering	
	Number of shares of common stock owned	Maximum Number of shares offered	Number of shares of common stock owned	Percentage of common stock owned
Palladium Holdings, LLC (1)	1,135,207(2)	276,667	858,540	3.4%

(1) Joel Padowitz has sole voting and dispositive power over the securities held for the account of this selling stockholder. The selling stockholder’s address is 10 Rockefeller Plaza, #909, New York, NY 10020.

(2) Represents (i) 417,001 shares of common stock, (ii) 232,403 shares of common stock issuable upon exercise of the Palladium Bridge Warrants, (iii) 126,000 shares of our common stock issuable upon exercise of the June Palladium Warrants, (iv) 147,368 shares of our common stock issuable upon exercise of the July Palladium Warrants, (v) 129,500 shares of our common stock issuable upon exercise of the July 23 Palladium Warrants and (vi) 82,935 shares of common stock issuable upon exercise of DropCar warrants.

PLAN OF DISTRIBUTION

The selling stockholder, including its pledgees, donees, transferees, distributees, beneficiaries or other successors in interest, may from time to time offer some or all of the Shares. We will not receive any of the proceeds from the sale of the Shares by the selling stockholder. We will bear all fees and expenses incident to our obligation to register the Shares.

The selling stockholder may sell all or a portion of the shares of common stock beneficially owned by it and offered hereby from time to time directly or through one or more underwriters, broker-dealers or agents. If the Shares are sold through underwriters or broker-dealers, the selling stockholder will be responsible for underwriting discounts or commissions or agent's commissions. The Shares may be sold on any national securities exchange or quotation service on which the securities may be listed or quoted at the time of sale, in the over-the-counter market or in transactions otherwise than on these exchanges or systems or in the over-the-counter market and in one or more transactions at fixed prices, at prevailing market prices at the time of the sale, at varying prices determined at the time of sale, or at privately negotiated prices. These sales may be effected in transactions, which may involve crosses or block transactions.

The selling stockholder may use any one or more of the following methods when disposing of shares or interests therein:

- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the shares as agent, but may position and resell a portion of the block as principal to facilitate the transaction;
- purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- an over-the-counter distribution;
- an exchange distribution in accordance with the rules of the applicable exchange;
- privately negotiated transactions;
- short sales effected after the effective date of the registration statement of which this prospectus is a part;
- through the writing or settlement of options or other hedging transactions, whether through an options exchange or otherwise;
- broker-dealers may agree with the selling stockholder to sell a specified number of such shares at a stipulated price per share;
- a combination of any such methods of sale; or
- any other method permitted pursuant to applicable law.

The selling stockholder may, from time to time, pledge or grant a security interest in some or all of the shares of common stock owned by them and, if they default in the performance of their secured obligations, the pledgees or secured parties may offer and sell the Shares, from time to time, under this prospectus, or under an amendment to this prospectus under Rule 424(b)(3) or other applicable provision of the Securities Act, amending the list of the selling stockholders to include the pledgee, transferee, or other successors in interest as selling stockholders under this prospectus. The selling stockholder also may transfer the Shares in other circumstances, in which case the transferees, pledgees or other successors in interest will be the selling beneficial owners for purposes of this prospectus.

In connection with the sale of the Shares or interests therein, the selling stockholder may enter into hedging transactions with broker-dealers or other financial institutions, which may in turn engage in short sales of the Shares in the course of hedging the positions they assume. The selling stockholder may also sell shares of our common stock short and deliver these securities to close out their short positions, or loan or pledge the Shares to broker-dealers that in turn may sell these securities. The selling stockholder may also enter into option or other transactions with broker-dealers or other financial institutions or the creation of one or more derivative securities which require the delivery to such broker-dealer or other financial institution of shares offered by this prospectus, which shares such broker-dealer or other financial institution may resell pursuant to this prospectus (as supplemented or amended to reflect such transaction).

Broker-dealers engaged by the selling stockholder may arrange for other broker-dealers to participate in sales. If the selling stockholder effects certain transactions by selling the Shares to or through underwriters, broker-dealers or agents, such underwriters, broker-dealers or agents may receive commissions in the form of discounts, concessions or commissions from the selling stockholder or commissions from purchasers of the the Shares for whom they may act as agent or to whom they may sell as principal. Such commissions will be in amounts to be negotiated, but, except as set forth in a supplement to this prospectus, in the case of an agency transaction will not be in excess of a customary brokerage commission in compliance with applicable Financial Industry Regulatory Authority (“FINRA”) rules; and in the case of a principal transaction a markup or markdown in compliance with applicable FINRA rules.

The aggregate proceeds to the selling stockholder from the sale of the Shares offered by it will be the purchase price of the Shares less discounts or commissions, if any. The selling stockholder reserves the right to accept and, together with its agents from time to time, to reject, in whole or in part, any proposed purchase of common stock to be made directly or through agents. We will not receive any of the proceeds from this offering.

The selling stockholder also may resell all or a portion of the Shares in open market transactions in reliance upon Rule 144 under the Securities Act, provided that they meet the criteria and conform to the requirements of that rule.

The selling stockholder and any underwriters, broker-dealers or agents that participate in the sale of the Shares or interests therein may be deemed to be “underwriters” within the meaning of Section 2(11) of the Securities Act. Any discounts, commissions, concessions or profit they earn on any resale of the Shares may be underwriting discounts and commissions under the Securities Act. The selling stockholder is subject to the prospectus delivery requirements of the Securities Act.

To the extent required pursuant to Rule 424(b) under the Securities Act, the shares of our common stock to be sold, the name of the selling stockholder, the purchase price and public offering price, the names of any agents, dealer or underwriter, and any applicable commissions or discounts with respect to a particular offer will be set forth in an accompanying prospectus or, if appropriate, a post-effective amendment to the registration statement that includes this prospectus.

In order to comply with the securities laws of some states, if applicable, the Shares may be sold in these jurisdictions only through registered or licensed brokers or dealers. In addition, in some states the Shares may not be sold unless they have been registered or qualified for sale or an exemption from registration or qualification requirements is available and is complied with.

The selling stockholder and any other person participating in a sale of the Shares will be subject to applicable provisions of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), and the rules and regulations thereunder, including, without limitation, to the extent applicable, Regulation M of the Exchange Act, which may limit the timing of purchases and sales of any of the Shares by the selling stockholder and any other participating person. All of the foregoing may affect the marketability of the Shares and the ability of any person or entity to engage in market-making activities with respect to the Shares. In addition, we will make copies of this prospectus (as it may be supplemented or amended from time to time) available to the selling stockholder for the purpose of satisfying the prospectus delivery requirements of the Securities Act. The selling stockholder may indemnify any broker-dealer that participates in transactions involving the sale of the shares against certain liabilities, including liabilities arising under the Securities Act.

LEGAL MATTERS

The validity of the securities offered by this prospectus will be passed upon for us by Haynes and Boone, LLP, New York, New York.

EXPERTS

The consolidated financial statements of DropCar, Inc. as of and for the year ended December 31, 2019, incorporated by reference in this Registration Statement has been so included in reliance on the report of Friedman LLP, an independent registered public accounting firm, (such report includes an explanatory paragraph regarding the Company's ability to continue as a going concern), given on the authority of said firm as experts in auditing and accounting.

The consolidated balance sheet of DropCar, Inc. and Subsidiaries as of December 31, 2018, and the related consolidated statements of operations, stockholders' equity, and cash flows for the year then ended have been audited by EisnerAmper LLP, independent registered public accounting firm, as stated in their report which is incorporated herein, and includes an explanatory paragraph about the existence of substantial doubt concerning the Company's ability to continue as a going concern. Such financial statements have been incorporated herein in reliance on the report of such firm given upon their authority as experts in accounting and auditing.

The balance sheets of AYRO, Inc. as of December 31, 2019 and 2018 and the related statements of income, comprehensive income, stockholders' equity, and cash flows for the years then ended, have been audited by Plante & Moran, PLLC, independent registered public accounting firm, as stated in their report, which is incorporated herein by reference. Such financial statements have been included herein in reliance on the report of such firm given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND ADDITIONAL INFORMATION

We are subject to the informational requirements of the Exchange Act, and in accordance therewith file annual, quarterly and current reports, proxy statements and other information with the SEC. The SEC maintains a website that contains reports, proxy and information statements and other information regarding registrants that file electronically with the SEC. The address of the SEC's website is www.sec.gov.

We make available free of charge on or through our website at <https://ayro.com/>, our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Exchange Act, as soon as reasonably practicable after we electronically file such material with or otherwise furnish it to the SEC.

We have filed with the SEC a registration statement under the Securities Act of 1933, as amended, relating to the offering of these securities. The registration statement, including the attached exhibits, contains additional relevant information about us and the securities. This prospectus does not contain all of the information set forth in the registration statement. You can obtain a copy of the registration statement for free at www.sec.gov. The registration statement and the documents referred to below under "Incorporation of Documents By Reference" are also available on our website, <https://ayro.com/>,

We have not incorporated by reference into this prospectus the information on our website, and you should not consider it to be a part of this prospectus.

INCORPORATION OF DOCUMENTS BY REFERENCE

The SEC allows us to “incorporate by reference” the information we have filed with it, which means that we can disclose important information to you by referring you to those documents. The information we incorporate by reference is an important part of this prospectus, and later information that we file with the SEC will automatically update and supersede this information. We specifically are incorporating by reference the following documents filed with the SEC (excluding those portions of any Current Report on Form 8-K that are furnished and not deemed “filed” pursuant to the General Instructions of Form 8-K):

- our Annual Report on [Form 10-K](#) for the year ended December 31, 2019, filed with the SEC on March 30, 2020, as amended by our Annual Report on [Form 10-K/A](#), filed with the SEC on April 10, 2020;
- our Quarterly Report on Form 10-Q for the quarter ended [March 31, 2020](#), filed with the SEC on May 14, 2020, and our Quarterly Report on Form 10-Q for the quarter ended [June 30, 2020](#), filed with the SEC on August 14, 2020;
- our Current Reports on Form 8-K filed with the SEC on [February 5, 2020](#), [February 7, 2020](#) (and as amended on [February 14, 2020](#)), [February 24, 2020](#), [March 6, 2020](#), [May 15, 2020](#), [May 19, 2020](#), [May 26, 2020](#), [May 28, 2020](#), [May 29, 2020](#) (and as amended on [June 3, 2020](#)), [June 19, 2020](#), [July 8, 2020](#) and [July 23, 2020](#);
- the following sections from our Registration Statement on Form S-4 filed with the SEC on [February 14, 2020](#), as amended on [April 24, 2020](#) (the “Form S-4”): “Management of the Combined Company,” “Information About AYRO,” “Information About DropCar—Legal Proceedings,” “Principal Stockholders of AYRO and the Combined Company,” and “Principal Stockholders of DropCar and the Combined Company;” and
- the description of our common stock contained in the “Description of DropCar Capital Stock” in the [Form S-4](#).

All reports and definitive proxy or information statements subsequently filed after the date of this initial registration statement and prior to effectiveness of this registration statement by the Company pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act, but excluding information furnished to, rather than filed with, the SEC, shall be deemed to be incorporated by reference herein and to be a part hereof from the date such documents are filed.

Any statement contained herein or in any document incorporated or deemed to be incorporated by reference shall be deemed to be modified or superseded for purposes of the registration statement of which this prospectus forms a part to the extent that a statement contained in any other subsequently filed document which also is or is deemed to be incorporated by reference modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed to constitute a part of the registration statement of which this prospectus forms a part, except as so modified or superseded.

You should rely only on the information incorporated by reference or provided in this prospectus. We have not authorized anyone else to provide you with different information. You should not assume that the information in this prospectus is accurate as of any date other than the date of this prospectus or the date of the documents incorporated by reference in this prospectus.

We will provide without charge to each person to whom a copy of this prospectus is delivered, upon written or oral request, a copy of any or all of the information that has been incorporated by reference in this prospectus but not delivered with this prospectus (other than an exhibit to these filings, unless we have specifically incorporated that exhibit by reference in this prospectus). Any such request should be addressed to us at:

AYRO, Inc.
Attn: Curtis Smith
900 E. Old Settlers Boulevard, Suite 100
Round Rock, Texas 78664
512-994-4917

You may also access the documents incorporated by reference in this prospectus through our website at <https://ayro.com/>. Except for the specific incorporated documents listed above, no information available on or through our website shall be deemed to be incorporated in this prospectus or the registration statement of which it forms a part.



276,667 Shares of Common Stock

PROSPECTUS
