

# EV monthly Updates

June 2020

Lead Sponsor

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## New Product launches

Product	Vehicle type	Battery specs.	Other specifications	Price
Ampere Electric Magnus Pro	2-wheeler	<ul style="list-style-type: none"> <li>Range – 75 kms</li> <li>Battery type - Li-ion (60V, 30Ah)</li> </ul>	<ul style="list-style-type: none"> <li>Charging time - 5-6 hrs</li> <li>Motor - 1200W</li> <li>Top speed - 55km/h</li> </ul>	Rs. 73,990 (ex-showroom)
Gemopai Electric Miso	2-wheeler	<ul style="list-style-type: none"> <li>Range - 60-75 kms</li> <li>Battery type - Li-ion (48V, 17.5Ah)</li> </ul>	<ul style="list-style-type: none"> <li>Charging time - 3-4 hrs</li> <li>Motor - 250W</li> <li>Top speed - 35km/h</li> </ul>	Rs. 44,000 (ex-showroom)

### [BGAUSS to enter electric two-wheeler space with premium electric scooters](#)

RR Global, the \$800-million electrical industry conglomerate, is entering the electric two-wheeler space under the brand name BGAUSS, with a range of premium electric scooters designed for urban and developing areas. The company will roll out two products with a total of five variants in the Indian market to begin operations.

The manufacturing and assembly of its electric scooters has already begun at its plant in Chakan, near Pune. In the initial phase, the company plans to produce 80,000 units in financial year 2020-21.

### [Mahindra Electric to launch 3 electric vehicles in FY21: rules out stake sale](#)

Mahindra's electric vehicle subsidiary plans to launch the **eKUV100**, the **Treo Zor** and the **Atom** this fiscal. Encouraged by the demand for Treo eAuto and Treo Yaari eRickshaw, the company is now set to launch a load carrier, Treo Zor, by end of the year. The company would continue to focus on electric autos as they make economic sense for the customers. Moreover, the demand for electric autos is picking up and has recovered up to 40-50% of pre-COVID levels.

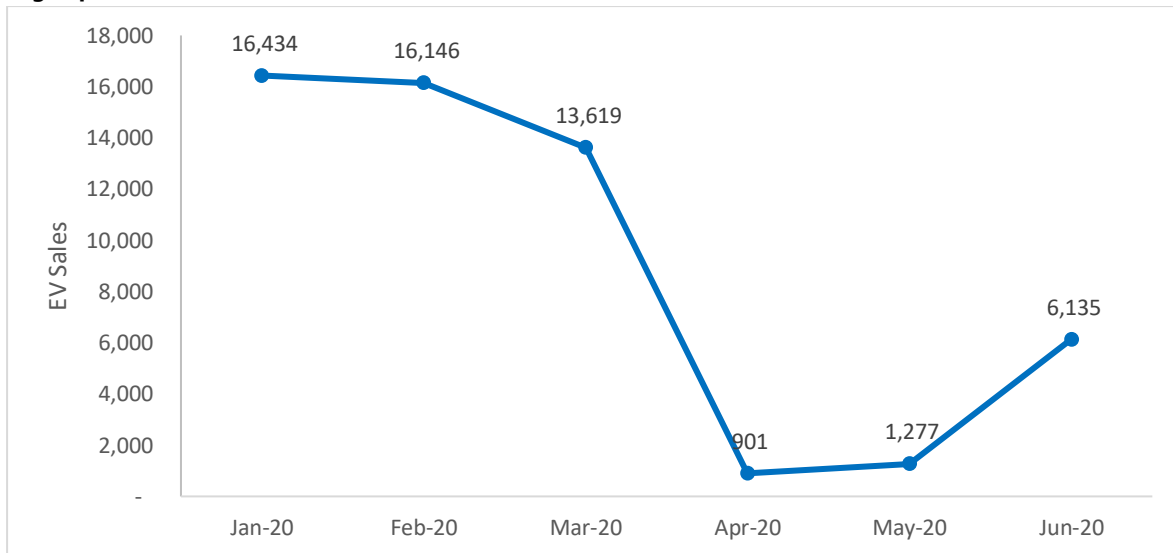
### [eBikeGo introduces subscription-based electric bicycles for delivery executives](#)

The smart electric two-wheeler mobility platform eBikeGo launched subscription-based '**eBikeGo Environ**' electric bicycles. eBikeGo will be available at a subscription cost of Rs 80 per day and is presently active in 7 cities in India. These low-cost electric bicycles ideal for deliveries take 3 hours to fully charge and can run for 60-70 km on single charge with a loading capacity of 200 kg. At present, eBikeGo business services are being availed by Zomato, Big Basket, Delhivery, Rebel Foods, Swiggy, Goodbox, and others.

## High-speed EV Sales

High-speed EVs (Top speed - >25 kmph) registered cumulative sales of 54,512 in H1-2020. Although the period of COVID-induced lockdown forced a huge slump in EV sales, the month of June 2020 witnessed a sharp climb in the sales, indicating resurgence of the strong traction in the market.

### High speed EV Sales in H1 2020



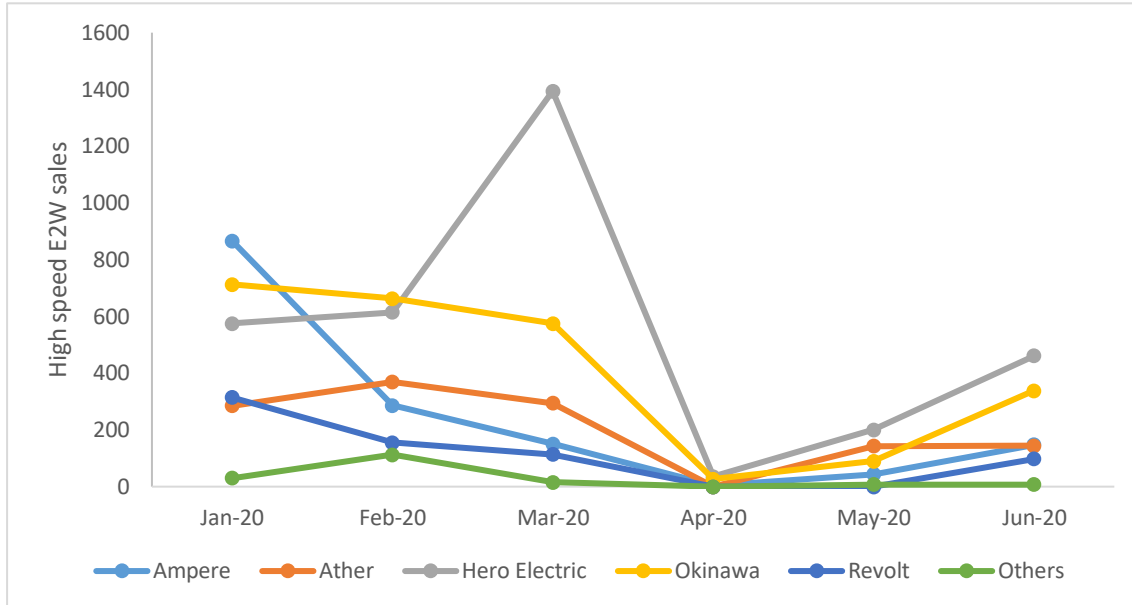
Source: Vahan Dashboard, JMK Research

Note: Sales figure are for only high range EV models with speed higher than 25kmph

### Electric Two-Wheeler (E2W)

The sales representation below covers the OEMs that deal only in the Indian E2W market. In H1 2020, more than 9,200 E2Ws with speed >25 kmph were sold. As can be seen, in the first half of 2020, Hero electric lead the high-speed E2W sales followed by Okinawa, Ampere, Ather and Revolt.

### Player-wise high-speed E2W sales in H1-2020



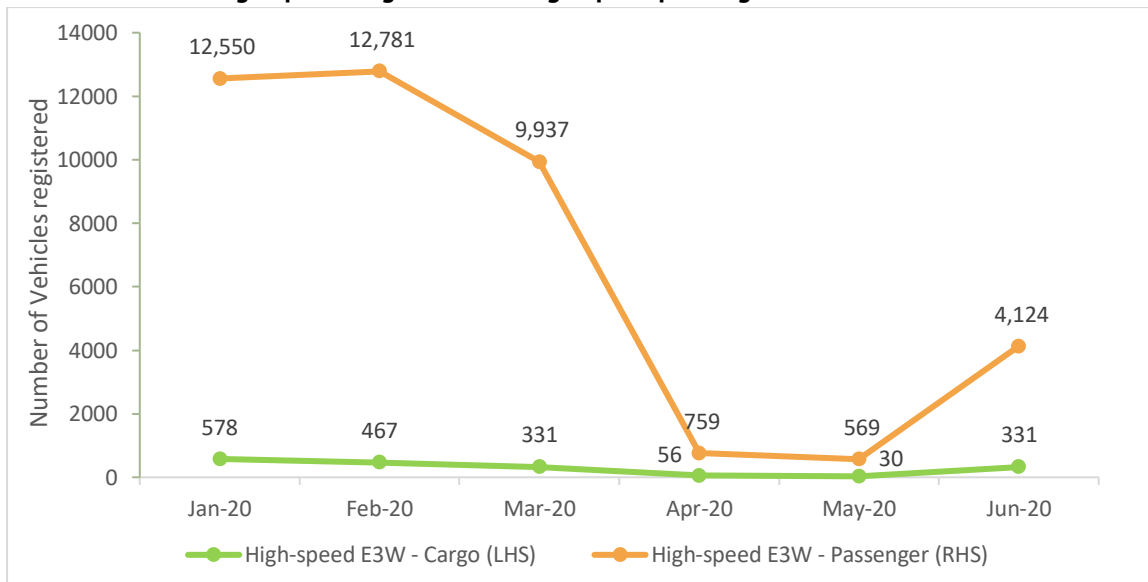
Source: Vahan Dashboard, JMK Research

Note: Sales figure are for only high range E2W models with speed higher than 25kmph

### Electric Three-Wheeler (E3W)

The combined sales of cargo and passenger high-speed E3W for H1-2020 stood at 42,513. The passenger-type accounts for nearly 96% of the total high-speed E3W sales. Driven by increasing cost advantages over its IC-Engine counterparts, the sales of these E3Ws is expected to rise steeply in the near future.

### H1-2020 Sales of high-speed cargo E3W and high-speed passenger E3W



Source: Vahan Dashboard, JMK Research

Note: Sales figure are for only high range E3W models with speed higher than 25kmph

## Policies

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### [Amendment in the Guidelines and Standards for Charging Infrastructure](#)

With the second amendment to the "**Charging Infrastructure for Electric Vehicles - Guidelines and Standards**" on 8<sup>th</sup> June 2020, following guidelines have been revised:

- The guidelines and standards pertaining to Tariff for supply of electricity to EV Public Charging Stations have been revised. As per updates, the tariff shall not be more than the average cost of supply plus 15%, unless otherwise specified by the Tariff policy.
- The amendment has modified the definition of Electric Vehicle Supply Equipment (EVSE). The revised definition for EVSE stands as "... an element in electric vehicle (EV) *charging* infrastructure that supplies electric energy for recharging the *battery of* electric vehicles".
- The amendment also incorporates and defines new terms in the context of charging infrastructure including Public Charging Station (PCS), Battery Charging Station (BCS), Captive Charging Station (CCS), and Battery Swapping Station (BSS).

### [Karnataka Govt to waive registration fee, stamp duty for electric vehicles](#)

The state cabinet decided to **completely waive stamp duty and registration charges for the manufacture and sale of electric vehicles**. This decision is in line with the Karnataka Electric Vehicles and Energy Storage Policy, 2017. With this move, the Karnataka government sought to promote sale and manufacture of electric vehicles by providing various tax concessions under the Karnataka Motor Vehicle Taxation.

### [UP cabinet approves road tax relief to EV manufacturers, increases traffic fines](#)

The Cabinet approved tax exemption for the manufacture and promotion of electric vehicles to encourage their production. This includes **100 per cent waiver of road tax on the first one lakh E2Ws and 75 per cent on E4Ws** to be manufactured.

## New tender issued

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Tender name	Other details	Bids Submission Deadline
<a href="#">Procurement of 250 long-range electric cars with 3 years standard warranty and comprehensive AMC up to 8 years</a> – Design, Manufacture, On-site Supply and Maintenance Support for Electric Cars Pan India Basis.	Two e-car variants: <ul style="list-style-type: none"> <li>• 100 e-cars with more than 4m length and range equal to or more than 300 kms</li> <li>• 150 e-cars with less than 4m length &amp; range equal to or more than 250 kms</li> </ul>	07 <sup>th</sup> Aug 2020

## Charging Infrastructure

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### [EESL to set-up 2000 Electric Vehicle charging stations in 2020-21](#)

The joint venture of PSUs under the Ministry of Power, the Energy Efficiency Services Limited (EESL) has undertaken a project to boost the e-mobility ecosystem in India. Until recently, the JV has installed over 300 such charging stations in India. The company plans to set up 10,000 charging stations over the next two to three years. The state-run firm has tied up with various private and public companies such as Apollo Hospitals, BSNL, Maha-Metro, BHEL and HPCL, among others, to set up public charging infrastructure.

### [Tata AutoComp partners Tellus Power Green on EV infrastructure](#)

Tier-one supplier, Tata AutoComp Systems Ltd signed an MoU with US-based electric vehicle (EV) charging infrastructure company Tellus Power Green to set up AC and DC fast charging network for electric two-wheelers, three-wheelers, passenger, and commercial vehicles in India.

The JV will provide AC chargers of size varying from 3 kW to 11kW for home/ residential complexes and DC Fast Chargers of size from 20kW to 300kW for various types of vehicles in public places.

### [IOC launches battery swapping facility for quick recharge of electric vehicles](#)

Indian Oil Corporation Limited (IOC) and Sun Mobility launched a partnership to setup battery swapping facilities at IOC petrol pumps, offering to replace discharged batteries with fully charged ones in a procedure that would take only a few minutes. IOC will begin with a pilot at one of its outlets in Chandigarh and gradually scale it up to 20 stations. The battery swapping model is initially targeted at commercial vehicles that are either factory fitted or retrofitted.

### [MG Motor, Tata Power in pact for EV charging stations](#)

MG Motor India Pvt Ltd signed an MoU with Tata Power Ltd to set up fast chargers at select dealerships of the passenger vehicle manufacturer. Both companies are also exploring opportunities to collaborate in the space of lifecycle management of lithium-ion batteries fitted in EVs.

As part of the association, Tata Power will deploy 50KW DC superfast chargers at select MG Motor dealerships and offer end-to-end EV charging solutions.

## Investments

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Date	Company name	Company type	Deal type	Investor(s)	Deal value
22-06-20	Yulu Bikes	e-bike rental startup	Equity	Rocketship.vc	\$3.96 million

### [China's Great Wall Motor signs MoU with Maharashtra, reaffirms plan to invest USD 1 billion](#)

The Great Wall Motor (GWM), the latest Chinese automaker to enter the Indian market, signed an MOU with the Maharashtra government, agreeing to invest in modernization of its Talegaon manufacturing plant and generate employment for 3,000 people. The company reaffirmed its plan to invest \$1 billion (Rs 7,600 crore) in the Indian market as announced during the Auto Expo in February this year.

The billion-dollar plan includes establishing two brands in India – Haval and GWM EV. While the former will cater to all types of SUVs, the EV brand will house non-SUV electric vehicles. GWM had acquired the Talegaon plant from General Motors earlier this year for a consideration of about Rs 1,000 crore.

## Other interesting reads

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### [EVs should comprise 20-25% of government's new purchases: Tata Motors' Naik](#)

To push adoption of electric mobility in the new decade, the Centre should ensure that 20-25% of new vehicle purchases of state transport units (STUs) comprise electric vehicles, according to a senior industry executive. The government should also ask financial institutions to extend affordable loans to customers to boost purchases of zero-emission vehicles.

According to Sushant Naik, global head, government and public affairs, Tata Motors Ltd, getting financing options for electric vehicles remains a challenge and the government should incentivise sales of such vehicles through lesser or affordable interest rates.

## Global market updates

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### [Kia, Hyundai and LG Chem join hands to identify EV startups for investment](#)

South Korean automakers Hyundai Motor Company and Kia Motors Corporation, along with LG Chem announced a global competition to identify up to 10 electric vehicle and battery startups for potential investment and collaboration. New Energy Nexus, the international startup support organisation, will manage and facilitate the competition -- 'EV & Battery Challenge (EVBC)'.

The chosen startups will have the opportunity to work hand-in-hand with Hyundai, Kia, and LG Chem, to develop proof-of-concept projects while leveraging the sponsors' technical expertise, resources and laboratories.



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**JMK Research & Analytics**

E: [contact@jmkresearch.com](mailto:contact@jmkresearch.com)

M: +91-7428306655

A: 27/2C, Palam Vihar,  
Gurgaon, Haryana-India

W: [www.jmkresearch.com](http://www.jmkresearch.com)