



HEROeLECTRIC
The smart move

Optima-ized

Safety | Power | Comfort

Welcome to the world of

OPTIMA CX5.0





New Generation Electric 2W Mobility

The all-new Optima CX version is a nuanced, smart & connected e2W for the contemporary market. The new avatar of Optima is equipped with advanced powertrain efficiency and optimized energy consumption. In addition to innovative features like hibernating battery technology, improved vehicular diagnostics through the built-in software, remote maintenance and ultimate battery life protection.

ADVANCED SAFETY

The new product range delivers optimum safety features with purposefully installed



Battery Safety Alarm

for customer's carefree ride



Drive Mode Lock

that provides an essential/perfect sign before every ride. Moving forward with confidence



Parking Brake

that prevents electric 2-wheeler from rolling on inclined surfaces



Side Stand Sensor

giving a reliable heads-up on an open side stand, preventing moving forward. To stay in control and avoid accidents



Combi Brake System

is effectively provided in the electric 2-wheeler



Battery with **Advanced 3rd Generation** Battery Technology tested over 5 years.



Xtra Energy

Our scooter batteries are a result of 5 years of vast research factoring in Indian road temperature and riding conditions. Our R&D engineers have been able to choose the most appropriate cells with optimized chemistry to design a well-balanced BMS and intelligent self-learning software. It is also coupled with real-time diagnosis and updates to ensure that your battery delivers an extended range for years resulting in higher fuel savings



Hibernation Mode

This mode allows complete shut-off and isolates the battery when not in use. Equipped with a unique '**low power consumption**' feature, that ensures **minimal self-discharge of battery**. One can park the Scooter for even 1.5 years without charging and, *it will come back to life with just a flick of the switch.*



AIS 156 ++

Govt. has introduced stringent specifications and standards for battery safety. Hero Electric has added two more layers beyond the set norm to provide an ultimate safe vehicle in any climatic condition across India. A unique warning system function on an independent power source is activated to give an audible alarm in case the safety features are compromised amid accidents or abnormally high temperatures beyond ambient conditions



THE NEW HEART AND BRAIN

Future Ready Design:

Equipped with **advanced Japanese motor technology, a powerful powertrain, and a safe battery, motor, and controllers.** Designed to provide a smooth and efficient ride, it comes with smart and AI-powered features, which include **intelligent sensors and controllers** that monitor various aspects of the vehicle's performance in real time. These features can help to optimize the vehicle's performance, improve energy efficiency, and smooth rider experience

Dynamic Console:

An **AI-powered smart screen displays** real-time information on speed, distance, and battery. Additionally, the real-time DTE can significantly enhance the user experience of electric scooter riders, making it safer, more efficient, and more convenient for making an informed decision for commuting

Comfort+ Ride:

It's a comfortable, stylish, and functional scooter that provides adequate support and ergonomics for both the rider and the pillion. The well-cushioned seat ensures a comfortable ride during long journeys on varied terrain. Its **soft cushioning, sleek design, and ergonomic features** make it a top choice for those who value comfort and design in their electric scooter





EXCELLENT BUILD QUALITY

5g / Rugged Chassis:

Our R&D team has extensively analyzed feedback from 700,000 on-road vehicles to enhance the product design and technology to meet the varied rider requirement. The R&D team has evolved a one of its kind 'cross web structure' chassis that is rugged and sturdy on overloads and varied terrains, resulting in a solid grip at all speeds and sharp corners on the roads



SALIENT FEATURES



Powerful Hub Motor



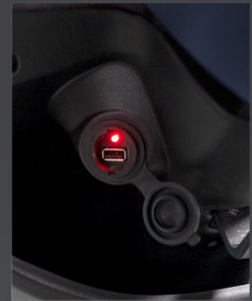
Smart Informative Instrument Cluster



Parking Brake



Regenerative Braking & Telescopic Suspension



USB Charger



KNOW MORE ABOUT YOUR OPTIMA..

MODELS

OPTIMA CX5.0

Range**	135 Km/ch.
Max. Speed	48 55 Km/hr.
Speed Modes	Eco / Power
No. of Battery	Double Battery
Battery Capacity / Rating @c5	3 kWh
Battery Charging Time*	6.5 hrs.
Motor Power	1.2KW Rated / 1.9 KW Peak
Motor Type	BLDC Hub Motor
Tyre Size	90/90-12 TL CEAT / METRO
Charger*	10A Smart Charger
Kerb Weight	102 kg
Ground Clearance	165 mm
Gradeability	7 degrees
Seating Capacity	Two Adults

Dark Matt Blue

Matt Maroon

*T&C Apply ** Range mentioned is as per IDC tested at ARAI with Single Rider. Practical range may vary around 25% to 35% based on road speed, acceleration and braking, battery charge and battery aging, tyre pressure and maintenance of vehicle etc.

7 Years Warranty* on Mechanicals & **4 Years Warranty*** on Electricals

speaks about the excellent quality of the upgraded versions

4 Years of Free Services#

unlocks the new level of cost-saving benefits for Hero Electric's long term customers

T&C Apply. *OR 40,000Km which ever comes earlier. #Only labour cost free. consumable not included. Hero Electric reserves the right to change or withdraw any clause of Warranty/offer without any prior information.



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Dealer Stamp