

2W EV HIGH SPEED CATALOGUE (REGISTERED)

Join the future of Sustainable Transportation



SAMPOORN EV

A BRAND AGNOSTIC EV ECOSYSTEM



SAMPOORN EV
A BRAND AGNOSTIC EV ECOSYSTEM

Sampoorn EV Presenting You

The Most Powerful & Affordable 2W High Speed with Salient Features



ROYAL PRO



ROYAL DLX



LEGEND PRO

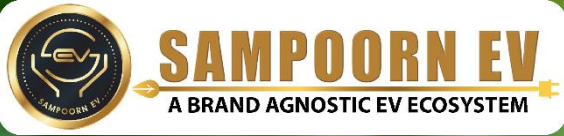


E-CROWNBIKE



Experience Your Electrical Journey





**Make Partner Eco-Friendly Vehicle for a
Brighter Tomorrow**

**Join Hands with Sampoorn EV, Step into Booming EV Industry
Become a Part of EV Revolution..**

TURN YOUR EVERY DAY INTO AN ADVENTURE



MODEL NAMES:

1 ROYAL DLX

2 ROYAL PRO

3 LEGEND PRO

4 CROWN E-BIKE



SAMPOORN EV
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"INVENTED, REINVENTED, ELECTRIC"
REDEFINING THE WAY THE WORLD DRIVES



EV 2W Industry Overview and Outlook

The electric two-wheeler Industry is gearing up to build capacity in excess of 30 million units a year by 2026. It is 50% more than the annual peak sales of two-wheelers in India so far. If realised, even an optimistic 50% electric scenario in 2030 will result in a glut. It's a classic revolution of a new industry and there are a lot of investors who remain bullish in search of today's disruptors becoming tomorrow's champions. In the long run, consolidation may be the natural corollary advantage in 'Total Cost of Ownership' over ICE vehicles due to the lower operating expenses, maintenance costs as well as higher asset utilization (lower down time). Given that the nature of last-mile deliveries is such that the delivery begins from a designated warehouse with basic infrastructure, there is less anxiety for charging infrastructure in this segment.



Over the past 12 months, electric scooters have been a rage on Indian roads. Defying the pandemic in 2021, sales more than doubled to over 2.3 Lakhs units. By all counts, in spite of the third wave, growth this year will be even more explosive. The era of electric mobility resets the rules of the game in the USD120 billion domestic automotive industry and provides a once in a lifetime opportunity for new entrants. Startups have mushroomed armed with the narrative to revolutionize the industry. They are backed by venture capitalists eager to spot the next big disruptor.

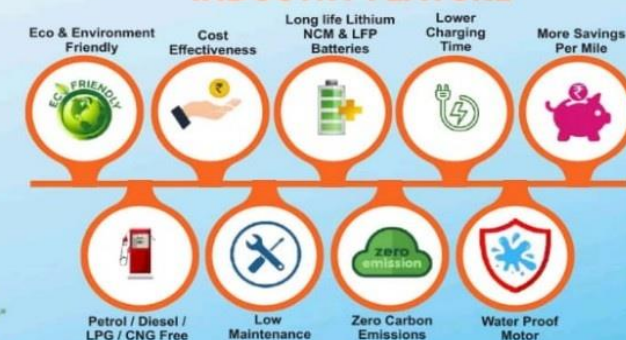
The expected cumulative capacity for electric two wheelers by 2026 is set to exceed 30 million units a year. It is a staggering number, almost 50% more than the peak sale of 21.2 million two-wheelers in fiscal 2018-19 in India.

India is a huge two-wheeler market - there are over 200 million on roads today. There is enormous potential for electric 2Ws and the surrounding ecosystem in India. The demand is definitely there and will only pick up in the next few years.

It is this kind of potential that is driving up valuations of companies in this segment. This is luring more entrepreneurs to join the fray. According to a recent report by Motilal Oswal, EV firms in India are currently valued at 3-4 times the estimated revenue four years down the line in fiscal 2027.



INDUSTRY FEATURE



ROYAL DLX



Rated Power	1200 Watt, BLDC Motor
Peak Power	Waterproof (IP67)
Speed	2200 Watt
Climbing	70 km/hr
Seat Height	20 Degree
Voltage	800 mm
Controller	48v/60v
Controller Warranty	E-ABS
Motor Warranty	3 Year
Charger Warranty	3 Year
Key Feature	1 Year
Boot Space	Keyless Entry
Wheel	12 Ltr.
Mirror	Alloy Wheel
Ladies Footrest	Yes
Footrest	Yes
Floor Mat	Yes
Charging Time	Black
Battery Warranty	3-4 Hour
Speedo Meter	1/3 Year
Light	Digital(Colourful)
Tyre	DRL Light
Suspension	Tubeless 10"
Break System	Hydraulic
Center Locking	Disc
Anti Theft System	Yes
Loading Capacity	Yes
CIRT Approved	200kg
Lithium Ion 48V/24Ah	Yes
Lithium Ion 60V/24Ah	60-65Km
Lithium Ion 60V/30Ah	78-82Km
Lithium Ion 60V/34Ah	95-100 Km
	110-115 Km





Regenerative Braking	Yes
Reverse & Parking Mode	Yes
Dust & Water Protection	IP67
Mobile Charging	Yes
Special Features	Toggle Three Speed, P Gear, One line connection, Repair Switch, Charging Protection
Auto Cut Charger	Yes

Key Features Remote Locking, Anti-Theft, Anti-Fire, USB, Vehicle Locator.

Smart Features Bluetooth, GPS Technology, Smart App, SOS Over Speed Alert, Biometric Access, User Preference Control.





SAMPOORN EV
A BRAND AGNOSTIC EV ECOSYSTEM



Throttle



Digital Console



Genuine Leatherite Seat



LED Headlight



ABS Plastic Body



Disk Brake

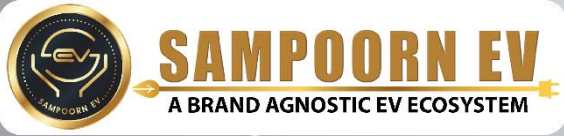


Long Legroom



BLDC Hub Motor





ROYAL DLX

High Speed



Available Colors



ROYAL PRO



Rated Power	1500 Watt, BLDC Motor Waterproof (IP67)
Peak Power	3000 Watt
Speed	70 km/hr
Climbing	20 Degree
Seat Height	800 mm
Voltage	60v/72v
Controller	E-ABS
Controller Warranty	3 Year
Motor Warranty	3 Year
Charger Warranty	1 Year
Key Feature	Keyless Entry
Boot Space	15 Ltr.
Wheel	Alloy Wheel
Mirror	Yes
Ladies Footrest	Yes
Footrest	Yes
Floor Mat	Black
Charging Time	3-4 Hour
Battery Warranty	1/3 Year
Speedo Meter	Digital(Colourful)
Light	DRL Light
Tyre	Tubeless 12"
Suspension	Hydraulic
Break System	Disc
Center Locking	Yes
Anti Theft System	Yes
Loading Capacity	200kg
CIRT Approved	Yes
Lithium Ion 48V/24Ah	50-55Km
Lithium Ion 60V/24Ah	65-70 Km
Lithium Ion 60V/30Ah	85-90 Km
Lithium Ion 60V/34Ah	95-100 Km



ROYAL PRO



Regenerative Braking	Yes
Reverse & Parking Mode	Yes
Dust & Water Protection	IP67
Mobile Charging	Yes
Special Features	Toggle Three Speed, P Gear, One line connection, Repair Switch, Charging Protection
Auto Cut Charger	Yes

Key Features: Remote Locking, Anti-Theft, Anti-Fire, USB, Vehicle Locator.

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SAMPOORN EV
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Throttle



Digital Console



Genuine
Leatherette Seat



LED Headlight



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Plastic Body



Disc Brake



Long Legroom

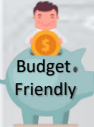


BLDC Hub Motor



ROYAL PRO

High Speed



Available Colors



LEGEND PRO



Rated Power	1500 Watt, BLDC Motor Waterproof (IP67)
Peak Power	3000 Watt
Speed	70 km/hr
Climbing	20 Degree
Seat Height	800 mm
Voltage	60v/72v
Controller	E-ABS
Controller Warranty	3 Year
Motor Warranty	3 Year
Charger Warranty	1 Year
Key Feature	Keyless Entry
Boot Space	15 Ltr.
Wheel	Alloy Wheel
Mirror	Yes
Ladies Footrest	Yes
Footrest	Yes
Floor Mat	Black
Charging Time	3-4 Hour
Battery Warranty	1/3 Year
Speedo Meter	Digital(Colourful)
Light	DRL Light
Tyre	Tubeless 12"
Suspension	Hydraulic
Break System	Disc
Center Locking	Yes
Anti Theft System	Yes
Loading Capacity	200kg
CIRT Approved	Yes
Lithium Ion 48V/24Ah	50-55Km
Lithium Ion 60V/24Ah	65-70 Km
Lithium Ion 60V/30Ah	85-90 Km
Lithium Ion 60V/34Ah	95-100 Km



LEGEND PRO



Regenerative Braking	Yes
Reverse & Parking Mode	Yes
Dust & Water Protection	IP67
Mobile Charging	Yes
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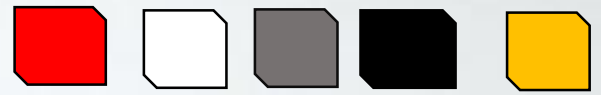
BLDC Hub Motor



LEGEND PRO



Available Colors



CROWN E-BIKE



BLDC HUB Motor Power	1500 Watts
Controller (Smart)	60V /72
Battery	Lithium Smart BMS
Max Battery Capacity	60V 62Ah
Top Speed	75 Kmph
Mileage per Charge	136Kms
Charging Time	4-5 Hrs (Lithium)
Loading Capacity (Max)	250 kg
Tyre Size	F-3.00-18/R-2.75-18 (18 Inch)
Brake Type	FR / RR: Disc
Speedometer	LED Digital
Gradeability	15Degree
Dimensions (L x W x H)	1910 X 730 X 1130
Suspension	Telescopic Coil Spring/3-Step adjust
-Front -Rear	
Head Light Type	Dual LED
Tail Light Type	LED
Wheel Type	Alloy
Ground Clearance	165 mm
Seat Length	780 mm
Body Type	ABS Plastic
Riding Mode	Normal/Medium/High

CROWN E-BIKE



Regenerative Braking	Yes
Reverse & Parking Mode	Yes
Dust & Water Protection	IP67
Mobile Charging	Yes
Special Features	Toggle Three Speed, P Gear, One line connection, Repair Switch, Charging Protection
Auto Cut Charger	Yes

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Throttle



Digital Console



Genuine
Leatherite Seat



LED Headlight



ABS
Plastic Body



Disk Brake



Battery Box



BLDC Hub Motor



Crown E-Bike



E-CROWN BIKE

High Speed



Available Colors





ROYAL DLX



ROYAL PRO



LEGEND PRO



CROWN-E-BIKE



ADVANTAGE OF LITHIUM-ION BATTERY

Lithium-ion batteries have now become a new choice of users because of their high energy density, they have lower weight (roughly 18-20 kg lighter than Lead-Acid battery) and increased Mileage per Watt hour. These batteries are sturdy, long-lasting, and effective for comfortable rides, with a Charge life cycle of 1000 in the case of NMC and 2000 in the case of LFP. It creates huge impact on wear and tear cost of vehicle performance, enhancing the life of motor and controller. These batteries require little to no maintenance.

The Key Benefits Includes:

- Smaller yet Powerful
- One Battery instead of 4 or 5 or 6
- Stand up well to repeated charging and discharging
- Fast Charging Possibility
- Support Wireless Charging
- Do not self Discharge
- Lower Performance down-grade rate

Although resale value of Lead-Acid battery is more as compared to Lithium Batteries but above advantages of Lithium batteries make these batteries more in demand.








SAMPOORN EV PRODUCT PORTFOLIO

2W HIGH SPEED (REGISTERED)



www.sampoornev.com

 SAMPOORN EV <small>A GRAND AGMUSIC EV ECOSYSTEM</small>				
SPECIFICATION	ROYAL DLX	ROYAL PRO	LEGEND PRO	E-CROWN
Rated Power	1200 Watt, BLDC Motor Waterproof (IP67)	1500 Watt, BLDC Motor Waterproof (IP67)	1500 Watt, BLDC Motor Waterproof (IP67)	1500 Watt, BLDC Motor Waterproof (IP67)
Peak Power	2200 Watt	3000 Watt	3000 Watt	3000 Watt
Speed	70 km/hr	70 km/hr	70 km/hr	70 km/hr
Climbing	20 Degree	20 Degree	20 Degree	20 Degree
Seat Height	800 mm	800 mm	800 mm	800 mm
Voltage	48v/60v	60v/72v	60v/72v	60v/72v
Controller	E-ABS	E-ABS	E-ABS	E-ABS
Controller Warranty	3 Year	3 Year	3 Year	3 Year
Motor Warranty	3 Year	3 Year	3 Year	3 Year
Charger Warranty	1 Year	1 Year	1 Year	1 Year
Key Feature	Keyless Entry	Keyless Entry	Keyless Entry	Keyless Entry
Boot Space	12 Ltr.	15 Ltr.	15 Ltr.	15 Ltr.
Wheel	Alloy Wheel	Alloy Wheel	Alloy Wheel	Alloy Wheel
Mirror	Yes	Yes	Yes	Yes
Ladies Footrest	Yes	Yes	Yes	Yes
Footrest	Yes	Yes	Yes	Yes
Floor Mat	Black	Black	Black	Black
Charging Time	3-4 Hour	3-4 Hour	3-4 Hour	3-4 Hour
Battery Warranty	1/3 Year	1/3 Year	1/3 Year	1/3 Year
Speedo Meter	Digital(Colourful)	Digital(Colourful)	Digital(Colourful)	Digital(Colourful)
Light	DRL Light	DRL Light	DRL Light	DRL Light
Tyre	Tubeless 10"	Tubeless 12"	Tubeless 12"	Tubeless 12"
Suspension	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Break System	Disc	Disc	Disc	Disc
Center Locking	Yes	Yes	Yes	Yes
Anti Theft System	Yes	Yes	Yes	Yes
Loading Capacity	200kg	200kg	200kg	250kg
CIRT Approved	Yes	Yes	Yes	Yes
Lithium Ion 48V/24Ah	60-65Km	50-55Km	50-55Km	50-55Km
Lithium Ion 60V/24Ah	78-82Km	65-70 Km	65-70 Km	65-70 Km
Lithium Ion 60V/30Ah	95-100 Km	85-90 Km	85-90 Km	85-90 Km
Lithium Ion 60V/34Ah	110-115 Km	95-100 Km	95-100 Km	95-100 Km



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2W EV PARTS



Body Cover
Front side



Head Light
Cover



Rear Shocker



Brake Lever



Body Parts
side pannels



Speedo Meter



Controller



Controller Wiring
harness



Converter



Disc Brake
Caliper Rear



Disc Brake
Caliper Front



Harness Coupler



Front & Rear
Disc Plate



Seat latch



Front Wheel
Complete



All switches



Charging Socket



Front & Rear
Rim wheel



Tool Box
(Inner Box)



Drum Break



LED Bulb



Motor



Backlight



Rear Body
cover Part



Seat Upper
& Bottom side



Flasher



Front Shocker



Accessories



USB



Wiring Harness
Front Coupler



Swing Arm



Complete Motor
Assy.



SAMPOORN EV
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USP

Running Cost:
15 Paisa/KM



Range
60-140Kms/Charge



Maintenance Cost:
Rs. 80/Month



Battery
Replacement
Cost:
Rs. 833/Month



Insurance Cost:
Rs. 183/Month



Vehicle Shell
Life-Min. 10 Yrs



Per Day Running:
300 Kms



Power Consumption:
2 Units/Charge



Tubeless
Tyre

EV FEATURES





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WARRANTY

Parts Name	Warranty Period	Warranty Terms
Battery - Lead Acid	1 Years	Full Warranty
Battery - Lithium	3 Years	Full Warranty
Chasis Frame	3 Years	Any Manufacturing Defect
Charger	1 Years	Full Warranty
Controller	1 Years	Full Warranty
Motor	1 Years	Any Manufacturing Defect
Tyre	1 Years	Any Manufacturing Defect
Swing Arm	1 Month	Any Manufacturing Defect
Brake Disc, Drum & Hub	1 Month	Any Manufacturing Defect
Rear Shock Absorber	1 Month	Any Manufacturing Defect
Front wheel Rim	1 Month	Any Manufacturing Defect
Front brake Caliper	1 Month	Any Manufacturing Defect
Handle Bar	1 Month	Any Manufacturing Defect
Wire Harness	1 Month	Any Manufacturing Defect
Converter	1 Month	Any Manufacturing Defect
Stand - Main as well as Side	1 Month	Any Manufacturing Defect
Conveter Stand	1 Month	Any Manufacturing Defect
Brake line Front & Rear	1 Month	Any Manufacturing Defect
Brake casting at Handle	1 Month	Any Manufacturing Defect
Seat Lock Bracket	1 Month	Any Manufacturing Defect
Ignition lock +Key + Remote	1 Month	Any Manufacturing Defect
Cluster	1 Month	Any Manufacturing Defect
Horn	1 Month	Any Manufacturing Defect
Front Axle	1 Month	Any Manufacturing Defect
Throttle	1 Month	Any Manufacturing Defect
Brake levers Front & Rear	1 Month	Any Manufacturing Defect
Seat lock Bracket line	1 Month	Any Manufacturing Defect
Ignition key remote	1 Month	Any Manufacturing Defect
Ladies foot pedal	1 Month	Any Manufacturing Defect
Headlight + Bulb	1 Month	Any Manufacturing Defect
MCB	1 Month	Any Manufacturing Defect
Flasher	1 Month	Any Manufacturing Defect
Side stand Rubber Washer	1 Month	Any Manufacturing Defect
Rear light	1 Month	Any Manufacturing Defect
Turn signals - Front & Rear	1 Month	Any Manufacturing Defect
Charging port	1 Month	Any Manufacturing Defect
Cluster cover switches	1 Month	Any Manufacturing Defect
Battrey connection cables	1 Month	Any Manufacturing Defect
USB Cable	1 Month	Any Manufacturing Defect

AVAILABLE ACCESSORIES



Additional Warranty at Extra Cost

Motor	+2 Years	Full Warranty
Controller	+2 Years	Full Warranty
Charger	+2 Years	Full Warranty

Additional Warranty to be purchased at the time of purchase of Vehicle of within 3 months before the expiry of original warranty.



8 Value Added Services

ROAD SIDE ASSISTANCE:



Your travel savior in case of breakdown during travel.

ACCIDENTAL HOSPITALISATION DAILY CASH:

Cover your daily expenses during tough times of hospitalization



EMI PROTEKT:



To pay your monthly EMIs if you are admitted in hospital for more than 5 consecutive days in a month

DOCTOR ON CALL:

The Doctor in need when you are injured because of your bike's accident or similar incidents.



EXTENDED WARRANTY:



This extends the warranty of your vehicle after OEM warranty ends.

COMPULSORY PERSONAL ACCIDENT COVER:

Cover of up to Rs.15,00,000/- in case of rider's accidental death.



LOAN PROTEKT:



The Assurance of your remaining EMIs will be covered in case of owner's accidental death.

ADDITIONAL TYRE WARRANTY:

Any warranty claims for the tires of your Electric Vehicle that are rejected by the OEM, will be covered here.





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First Aid Kit For Our Electric Vehicles

Kit Items Include



Adhesive Kit



Small Dettol Liquid



Small Cotton Packet



Cipladine Ointment-10mg



Pain Killer



Small Dressing Roll



Aspirin Tablet



Pouch Containing



Tool Kit Pouch





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**THANK
YOU**





SAMPOORN EV

A BRAND AGNOSTIC EV ECOSYSTEM

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www.sampoornev.com

