

ABOUT LECTRIX

We are Lectrix and we believe in the relentless pursuit of getting things right.

As a flagship brand of the SAR Group, we use modern tech to empower next-gen mobility.

What truly sets us apart though, is our deep knowledge of batteries and Battery Management System (BMS), a know-how that comes from our parent company.



TECHNICAL SPECS			
PARAMETERS		LXS G2.0	LXS G3.0
Motor	Type	Hub-BLDC 10 inch	Hub-BLDC 10 inch
	Rated Power (W)	1200 W	1500 W
	Peak Power (W)	1800 W	2200 W
Controller	Max Torque (Nm)	90 @150 RPM	110 @52 RPM
	Rating	48V, 45A	48V, 60A
	Type	FOC	FOC
Battery specification/type	Type	Li-ion - LFP	Li-ion - LFP
	Nominal Voltage (V)	51.4V	51.4V
	Peak Capacity (Ah)	46 Ah	60Ah
	Peak Capacity (kWh)	2.3kwh	3 kwh
Battery weight (kg)	18kg	26 kg	
Charger specification (A)	18 A	18 A	
Charging time (Hr)	3 Hr	4 Hr	
DC DC converter (V)	12+0.5 (120 Watt)	12+0.5 (120 Watt)	
DC DC converter (V)	13+0.5 (135Watt)	13+0.5 (135Watt)	
Performance:			
Speed(km/h) Solo GPS	Mode 1	Eco: 40 kmph	Eco: 40 kmph
	Mode 2	Power: 55 kmph	Power: 60 kmph
Acceleration (0-40 kmph in secs)		10.5 sec	9.5 sec
Range/charge(km) Solo	RWUP	65 km	80 km
	IDC	80 km	105 km
Gradeability (Solo)		12 Degree	12 Degree
Features:			
Speedometer		Digital-Smart	Digital-Smart
VCU		Yes	Yes
Mobile APP		Yes	Yes
Ignition switch		Key and app	Key and app
Head light		Bulb	Bulb
Tail light		Bulb	Bulb
Turn signal lamp		LED	LED
DRL		LED	LED
Dimensions & chassis:			
Wheel base(mm)		1320 mm	1320 mm
Ground clearance (With 150 kg payload)		145 mm	145 mm
Seat height from ground (mm)		810 mm	810 mm
Dimensions(LxWxH) mm		1810X682X1 255	1810X682X1 256
Brake	System	CBS	CBS
	Front	Drum	Drum
	Rear	Drum	Drum
Tyre	Type	Tubeless (LRR)	Tubeless (LRR)
	Front	90/100-10	90/100-10
	Rear	110/90-10	110/90-10
Suspension	Front	Telescopic	Telescopic
	Rear	Coil spring	Coil spring
Kerb weight with battery		100 kg	108 kg
Payload		155 kg	155 kg
GVW		247 kg	263 kg
Front wheel rim	Type	Sheetmetal 10 inch	Sheetmetal 10 inch

First-in-Class Features	
1.	Navigation Assist
2.	Auto-Indicator*
3.	Keyless Access / Smart Ignition*
4.	Antitheft / Immobilization Assist*
5.	Emergency SOS Alert
6.	Geo-Fencing*
7.	Follow-Me Headlamp*
8.	Vehicle Live Location (Find My Scooter)
9.	Voice Enabled Ignition*
10.	Charger Type And Capacity - 920W/18A
11.	Smart VCU
12.	Strong Chassis (2 Poster Test Verified)

The scooter shown is only for representative purpose. The company reserves the right to change specifications, colour and price without any prior notice.

*Only available on LXS G3.0



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93 GAME-CHANGING FEATURES

GINTE RAH JAAOGE

 LECTRIX | EV



LXS G3.0 LXS G2.0

AVAILABLE IN 

36 Safety Features

1. Auto-Indicator
2. Vehicle Diagnostics (Ride Stats and Service Records), Preventive Maintenance & Serviceability
3. Ride Statistics and Service Records (Trip History)
4. Antitheft / Immobilization Assist
5. Emergency SOS Alert
6. Geo-Fencing
7. Speed-Lock for the Child
8. Battery SOC (State Of Charge)
9. Low Battery Alert
10. Follow-Me Headlamp
11. Side Stand Safety
12. Vehicle Live Location (Find My Scooter)
13. Helmet Warning
14. Battery Temperature
15. SoH (State of Health)
16. Powerful Headlamps
17. Broader Tyres with Better Road Grip
18. Heavy Duty Drum Brake
19. Side Stand Indication (For Safety)
20. Mobile App Alerts
21. Battery Handshaking (No Other Battery Install)
22. Rough Road Stability
23. More Ground Clearance
24. Tubeless Tyres
25. CBS Braking System
26. Waterproof Motor with Hall Sensor
27. First Aid Kit
28. Tool Kit
29. Steel Wheel
30. Good Thermal Technique to Maintain the Battery Storage Pack
31. Extra Fuse in Battery Pack for Protection
32. Protection: OV/OC - Charge/Discharge
33. Current Reading Technique Coulomb Counting
34. Low Current Consumption while in Sleep Mode
35. Adaptive Charging
36. Strong Chassis (2 Poster Test Verified)

09 Aesthetics Features

37. Integrated Tail Light
38. Multi Colour Graphics for Sporty Design & Dual Tone
39. LED Indicator
40. Dual Tone Sport Design
41. Painted Mirror
42. LED DRL (Smart)
43. Glove Box
44. Seat Cover Dual Tone
45. 3D Emblem

14 Comfort Features

46. Reverse Mode
47. Book Service Appointment on the App
48. Different Battery Option
49. Telescopic Suspension
50. Comfortable Long Seating
51. Good Ride Handling
52. USB Charger
53. Good Floor Height
54. Soft Rear Suspension
55. Boot Space
56. Comfy Handle Grip
57. Switch Easily Accessible
58. Luggage Hook
59. Aluminium Pillion Foot Rest

10 Performance Features

60. Duct (Air Flow)/ Battery Cooling
61. Regenerative Braking
62. Eco/Power
63. Charger Type and Capacity - 920W/18A
64. 12 Deg Gradient Solo
65. Aerodynamic Structure
66. Low Current Consumption in Normal Mode
67. FOC Controller
68. Motor Performance
69. High Mileage

24 Smart Features

70. Mobile App Bluetooth Connectivity
71. Navigation Assist
72. Keyless Access / Smart Ignition
73. Units Consumed (Kwh) for Charging the Battery and Co2 Saved
74. Nearest Charging Station
75. Real-Time Clock
76. Custom Boot-Up Message
77. HMI (Human Machine Interface) Brightness Adjuster
78. Auxiliary Battery
79. Most Intelligent Ride Management System/SoC
80. Road Side Assistance
81. Can System
82. Call Handling Through HMI
83. Voice Enabled Ignition
84. Auto-Brightness Instrument Cluster
85. Current Consumption
86. Distance to Empty
87. Average Range per Charge-App
88. Time to Charge the Battery-App
89. Smart VCU
90. Digital Speedometer (Mono)
91. Auto Charger Detect
92. Easy to Debug Battery by Using Mobile or Windows Application
93. Easy to Track Battery Location by Using GPS on your Computer Application



TOP-OF-THE-LINE SAFETY

SOS
In case of an emergency
Call for help at the press of a button

LFP BATTERY
Safer LFP Batteries
It maintains high voltage for prolonged periods and can handle a wide range of temperatures. This makes it safe and increases its lifespan.

Broader Tyres
For more control and peace of mind

SEAMLESS RIDING EXPERIENCE

105 km*
In Test Conditions
For greater comfort while riding

Comfortable and firm seats

Smooth and jerk-free acceleration
Powered by an FOC motor that runs as smoothly as the breeze

90 km* Actual range on Indian roads



BEST-IN-CLASS SMART FEATURES

Auto indicator*
Ride stress-free with indicators that automatically light up before every turn according to your route

Vehicle diagnostics

Vehicle live location
Locate your scooter easily

*Only available on LXS G3.0