



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
	Max Torque (Nm)	90@150 RPM	110@52 RPM
Controller	Rating	48 V, 45 A	48 V, 60 A
	Type	FOC	FOC
Battery specification/type	Type	Li-ion – LFP	Li-ion – LFP
	Nominal Voltage (V)	51.4 V	51.4 V
	Peak Capacity (Ah)	46 A-h	60 A-h
	Peak Capacity (kWh)	2.3 kwh	3 kwh
Battery weight (kg)		18 kg	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 (135 Watt)	13+0.5 (135 Watt)
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	98 km*	115 km*
Gradeability (Solo)		12 Degree (Solo)	12 Degree (Dual)
Features:			
Speedometer		Digital-Smart	Digital-Smart
VCU		Yes	Yes
Mobile APP		Yes	Yes
Ignition switch		Key and app	Key and app
Headlight		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		1810x682x1255	1810x682x1256
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	Sheet metal 10 inch	Sheet metal 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)

*As per ICAT #Subjected to Icat testing
The scooter shown is only for representative purpose. The company reserves the right to change specifications, colour and price without any prior notice.

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www.lectrixev.com



INDIA'S MOST INTELLIGENT SCOOTERS

THE SCOOTER THAT COMES WITH 93 GAME-CHANGING FEATURES



SCAN TO BOOK



29 Safety Features

1. Antitheft/Immobilization Assist
2. Speed-lock for the Child
3. Low Battery Alert
4. Follow-me Headlamp
5. Emergency SOS Alert
6. Side Stand Safety
7. Vehicle Live Location (Find My Scooter)
8. Helmet Warning
9. Battery Temperature
10. Auxiliary Battery
11. SoH (State of Health)
12. Powerful Headlamps
13. Broader Tyre
14. Heavy Duty Drum Brake
15. Road Side Assistance
16. Distance to Empty
17. Battery Handshaking (No Other Battery Install)
18. Tubeless Tyres
19. CBS Braking System
20. Grab Rail
21. IP67 Motor
22. First Aid Kit
23. Tool Kit
24. Steel Wheel
25. Thermal Management for Battery
26. Extra Fuse in Battery Pack for Protection
27. Protection: OV/OC - Charge/Discharge
28. Low Current Consumption in Sleep Mode
29. Auto Charger Detect

12 Performance Features

30. Duct (Air Flow)/Battery cooling
31. Regenerative Braking
32. Eco Mode and Power Mode
33. Super-Fast Charger
34. More Ground Clearance
35. 12 Degree Gradient Solo
36. Rough Road Stability
37. Aerodynamic Structure
38. Low Current Consumption in Normal Mode
39. Strong Chassis
40. Motor Performance
41. High Mileage

09 Comfort Features

42. Ample Leg Space
43. Telescopic Suspension
44. Comfortable Long Seating
45. Good Ride Handling
46. Good Floor Height
47. Soft Rear Suspension
48. Ergonomics
49. Aluminium Pillion Foot Rest
50. FOC Controller

08 Design Features

51. Integrated Tail Light
52. Sporty Design and Dual Tone Design
53. LED Indicator
54. Dual Tone Sport Design
55. Painted Mirror
56. LED DRL (Smart)
57. Seat Cover Dual Tone
58. 3D Emblem

04 TrueThink Features

59. Vehicle Diagnostics
60. Ride Statistics and Service Records (Trip History)
61. Units Consumed (Kwh) for Charging the Battery and CO2 Saved
62. Average Range per Charge

08 Convenience Features

63. Reverse Mode
64. Book Service Appointment on the App
65. HMI (Human Machine Interface) Brightness Adjuster
66. Different Battery Option
67. USB Charger
68. Boot Space
69. Dual Glove Box
70. Luggage Hook

23 Smart Features

71. Navigation Assist
72. Keyless Access / Smart Ignition
73. Mobile APP Bluetooth Connectivity
74. Auto-Indicator
75. Battery SOC (State of Charge)
76. Nearest Charging Station (Charging Network yet to Expand)
77. Realtime Clock
78. Custom Boot-Up Message
79. Smart IOT Alerts
80. CAN System (Controller Area Network)
81. Mobile App Alerts
82. Smart BMS
83. Voice Enabled Ignition
84. Smart Cluster
85. Smart Current Consumption
86. Time to Charge the Battery
87. Smart VCU
88. Digital Speedometer (Mono)
89. Current Reading Technique Coulomb Counting
90. Adaptive Charging
91. OTA Debugging of Scooter
92. Trackable Battery
93. Geo-Fencing



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

TOP-OF-THE-LINE SAFETY

Broader Tyres
For more control and peace of mind

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.



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

Vehicle diagnostics

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

Vehicle live location
Locate your scooter easily

*Only available on LXS G3.0