

LF1200DT SPECIFICATIONS



Dimension	Length x width x height (mm)	1975×715×1080	Battery	Maximum range per charge (Km@Km/h)	125@20 (Lab test) 72@40 (Lab test)	
	Ground clearance (mm)	125		Transmission	Drivetrain	Rear-wheel drive
	Curb weight (kg)	76		Suspension type	Front	Telescopic hydraulic spring shock absorber
Motor	Rated output (W-r/min)	1500@730	Brake type	Rear	Hydraulic spring shock absorber	
	Maximum torque (N·m/min)	80 @125		Front	Ø180mm disc (single piston)	
	Motor control mode	field-oriented control		Rear	Ø110mm drum	
Battery	Battery type	Lithium (Oshvee ternary lithium battery core)	Tire size	Front	3.0-10	
	Battery capacity	60V24Ah		Rear	100/80-10	
	Charging time	6 hours (standard)				



Cruise Control

Cruise control set to the current speed enables the E3 to maintain a steady speed and frees your right hand from manual operation to enjoy a relaxed ride.



EBS Braking Energy Recovery System

The Electronic Braking System (EBS) shortens the braking distance and recovers kinetic energy loss under braking for later charging the battery, improving energy efficiency and 10% longer mileage.



1500W BOSCH High-Efficiency Motor

Developed jointly with Bosch, the high-performance electric motor quick starts the vehicle at 115N·m torque output, increasing the energy efficiency ratio up to 92%, while saving 3.7% of energy consumption.



FOC Vector Controller

Independently-developed Field-Oriented Control (FOC) vector controller optimizing the torque output delivers a quick start and boosts acceleration, climbing 12° slope with ease.



Safeguard Charging Port

Instead of conventional 3-phase outlet, the E3 introduces a concealed charging port hidden under the seat to prevent electric shock.



All LED Lights

The E3 employs all LED lights on the headlamp, taillight, signals and daytime running light. Iconic design with modern technology shines with creativity and individuality even in the dark.



LCD Dashboard with High-Intensity Backlighting

The high-intensity LCD digital dashboard provides clear readings of speed, mileage, battery capacity and other real-time information at a glance, with four optional colors of backlighting.



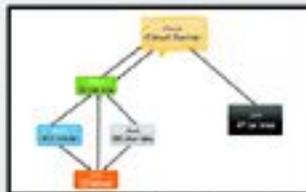
BMS Protection

Battery Management System (BMS) ensures real-time monitoring of voltage, current, and temperature of the battery, safeguarding the cells and extending battery service life.



360° Visible Nighttime Lighting

The 360-degree-view lighting system provides a wide vision making E3 clearly visible even in the dark, to guarantee the safety of both riders and pedestrians for night riding.



Automotive-Grade Communications Protocol

The E3 applies the Controller Area Network (CAN bus) protocol typically used for electrical wiring within automobiles to provide efficient and reliable transmission of communication signals without a host computer.



Portable Lithium Battery Pack

The compact size of lithium battery pack weighing only 2kg allows easy swapping and charging anywhere and anytime.

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