



EPICK Z1

SPECIFICATIONS & FEATURES

TRUE RANGE	Option A	Option B	Option C
Range - Throttle	40 km	60 km	80 km
Range - Pedal-Assist (PAS)	60 km	90 km	120 km

BATTERY

Battery type	Lithium-ion	Lithium-ion	Lithium-ion
Voltage (Nominal)	36V	36V	36V
Capacity	10.4 Ah	15.6 Ah	20.8 Ah
Battery pack weight	2.5 kg	3.7 kg	5.0 kg
Battery Pack type	Portable	Portable	Portable
Home charging time (0-100%)	3hr 30min	4hr 30min	5hr
Power consumption	0.5 unit	0.75 unit	1 unit
Battery Level Indicator	10 LEDs	10 LEDs	10 LEDs

SAFETY & SECURITY

Battery Lock	Key Lock	Key Lock	Key Lock
Dedicated ON/OFF Switch	Yes	Yes	Yes
Ingress Protection	Water Resistant	Water Resistant	Water Resistant
Battery Management System (BMS)	Yes	Yes	Yes

PERFORMANCE

Motor Type	BLDC Hub Motor
Power (Nominal)	250 W
Torque	32 Nm (at motor-shaft)
Max. Speed (Throttle)	25 kmph (No Driving License required)
Gradeability	7 Degrees (can climb any Indian flyovers)
Pedal-assist Modes	5 modes
Cruise Mode	Yes
Walk Mode	Yes (5 kmph)
Ingress Protection (Motor & Controller)	Water Resistant (Splash Proof)

WHEELS - TRANSMISSION - BRAKES

Wheel Type	Mag Alloy Wheels Spoke Wheels
Tyre Size	26in X 2.1in (width)
Tyres	Tube type with 4-layer puncture protection
Mud Guards	Full length - Plastic mudguards
Transmission	7 Speed Gears Single Speed
Chain Tensioner	Yes (included in both single & 7-speed)
Front Brake	Disc type - 180mm
Rear Brake	Disc type - 160mm

FRAME - SUSPENSION - SEAT

Frame Type	Pressure Die-Casted Frame (HPDC)
Frame Material	Aluminum
Front Suspension	Adjustable Telescopic - 80mm (travel)
Side Stand	Heavy-duty Side Stand
Seat Height	Adjustable (Suitable for rider height from 5 ft - 6 ft)
Seat type	10-inch wide (integrated spring seat)

SAFETY & SECURITY FEATURES

Bike Locking System	Electro-Mechanical Lock with key (common key for battery lock also) Locks rear wheel (mechanical) + Turns OFF the power
Wiring Harness	Fully concealed inside frame
Display	2 inch LCD display with ON/OFF button
Power cut-off brake levers	Yes - Power cut-off while braking
Head Light	Extra Bright LED (10 Watts)
Tail & Brake Lights	LED
Side Indicators	LED flasher
Horn	Electronic type

EPICK TRACKER (Optional)

Bike Tracking	4G GPS Tracking Device - Mobile App
Remote Bike ON/OFF	Yes - via Mobile App
Theft Notification	Yes
Ride Stats	Yes

UTILITY OPTIONS AND CAPACITY (Optional)

Front Basket	8 kg load capacity
Rear Carriage	60 kg load capacity
Curb weight	19 kg (without battery)
Total load capacity	175 kg (incl. rider)

OVERALL DIMENSIONS

Length (including both wheels)	187.5 cm
Wheelbase (front axle to rear axle)	121.5 cm
Ground Clearance (frame lowest point)	25.6 cm
Handle bar width (widest point)	67 cm
Seat Height (minimum)	81 cm
Suggested Rider Height	5'1" to 6'2"

WARRANTY

Motor Warranty	3 years
Charger Warranty	3 years
Battery Warranty	3 years + 1 year (additional)

COLORS

- Alpine White
- Trinity Blue
- Pearl Red

*A few of the specifications and color shades may slightly vary in the production model
*Additional 1 year warranty on battery is extended post comprehensive service of the battery during the 3rd year