

2023 **Keeness VFD**: The best electric

**KICK
UP
DUST**

Young
people's
first choice
for street
E-motorcycle



motorcycle choice for young people

Lightweight enough for urban travel without worrying about low battery

Say goodbye to the drudgery of filling up at a «traditional» gas station: the Keeness VFD is fully electric, with 2 high-capacity, 2,3 kWh lithium batteries. Weighing only 14 kg (20% lighter than equivalent models), the batteries can be easily removed and transported for daily recharging at home or at work. And thanks to the dedicated YADEA app, you can easily see how much power is left in the battery.

Acceleration provides constant, easily controlled power

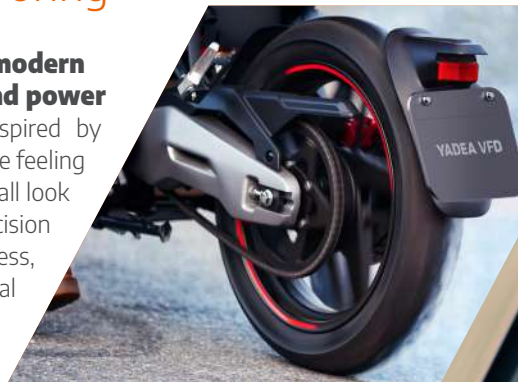


The Keeness VFD is equipped with a 10 kW motor, designed for minimal vibration and noise, and has a huge rear wheel torque of 300 Nm, making it easy to get over any terrain.

Look: slick styling
that's anything
but boring

Aviation-inspired clean and modern lines for a feeling of speed and power

The Keeness VFD's design is inspired by aeronautical lines for an indisputable feeling of fluidity and speed. It has an overall look that inspires performance, precision and agility, thanks to its compactness, purity of form, taut lines and technical chassis structure.



Every detail has been carefully studied to make the Keeness VFD as attractive as possible. The high-performance engine and wiring are deliberately left exposed, revealing the vehicle's technical elements with style.



The headlights combine modern aesthetics and technology with attitude. They include a dual LED lens for both low and high beams. The 8,000 cd low beam can light a distance of 30 meters with a width of 16 meters, while the 28,000 cd high beam can achieve a lighting distance of 110 meters—remarkable power for maximum safety during night time rides.



2023 Keeness VFD

Performance:
a real
racehorse

Acceleration

The Keeness VFD is equipped with the latest version of YADEA's high performance engine (boasting a top speed of 100 km/h and acceleration from 0 to 50 km/h in 2.5 seconds). This allows for better acceleration than its 125cc or even 150cc internal combustion engine rivals, making for a much more exhilarating riding experience that is quiet, easy and safe.

Excellent handling on hills

It's also equipped with a kinetic energy recovery system that complements braking. The 280 Nm of torque makes it possible to tackle even the most difficult slopes with confidence. Thanks to its lively and precise steering, the Keeness VFD is easy to handle. The engine's central positioning ensures optimal weight distribution and reduces unsprung weight when compared to vehicles with an engine in the rear wheel, making overall handling safer and more neutral.

Long range

The Keeness VFD offers a range of up to 140 km when riding at a constant speed of 45 km/h. But thanks to its hybrid kinetic energy recovery system, the batteries can be recharged during deceleration or when going downhill, significantly extending its range.

Safety: a comfortable
and safe drive

Comfortable driving position

The Keeness VFD has a comfortable driving position thanks to its well thought-out ergonomics. Combined with an optimal 50/50 weight distribution between front and rear, it remains easy to control in all circumstances.



Combined front/rear braking system

The combined front and rear braking system (CBS) uses large discs (300 mm in the front, 240 mm in the rear) to provide optimal safety and shorter braking distances. The power distribution considerably reduces forward weight transfer during hard braking, and the high-performance tires provide optimal grip for effective braking.



High quality damping

YADEA has opted for a high quality suspension combination: an inverted fork, designed to provide sufficient stiffness and precision, coupled with a mount shock absorber offer an excellent negotiation of comfort and handling on any surface.



High-strength steel cage frame

The Keeness VFD's chassis is built around a high-strength steel cage frame, offering a particularly rigid structure that contributes to increased stability and safety.

This frame has undergone numerous resistance tests (vibrations, loads, twists,...), earning top marks and exceeding the standard requirements.



High performance tires

The Keeness VFD is equipped with high performance tires mounted on 17" rims (front: 100/80-17, rear: 130/70-17) that offer great grip on all types of roads, both in turns and while accelerating, and which combine handling, durability and low rolling resistance to maintain range. Combined with the CBS system, they help improve braking performance by reducing stopping distances.



Smart, practical design

The Keeness VFD makes everyday life easier, thanks to a 16-litre capacity storage box positioned between the handlebars and the seat, making it ideal for storing a charging cable, rain gear, a handbag, etc.

The Keeness VFD is also equipped with a keyless start system (NFC technology), cruise control and a dedicated application for monitoring vehicle data (battery status / remaining range / charging time etc.).



Technical specifications

KEENESS KEENESS VFD		
BODY DIMENSION	Length	2010 mm
	Width	860 mm
	Height	1270 mm
	Seat Height	770 mm
	Seat Length	600 mm
MOTOR	Motor Type	Mid-drive motor
	Rated Power	5.5 kW
	Peak Power	10 kW
	Max. Torque	300 N·m
	Max. Speed	100 km/h
ELECTRICALS	Battery Type	Ternary lithium battery
	Battery Capacity	4.608 Wh (72 V32Ah* 2)
	Dashboard	5 inches high-resolution digital dashboard
	Headlight	LED/Class C
TIRES & BRAKES	Wheel	F&R 17 inches aluminum wheel
	Tire Size	F: 100/80-17; R: 130/70-17
	Shock absorption	Front inverted and middle mounted shock absorption
	Brake (Front/Rear)	F&R ABS/CBS



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