



Move Smart

As well as being one of the biggest names in scooters, Yamaha has also been designing and building electric vehicles for many years. No other brand can match this record. So it will come as no surprise that the electric NEO's models are ready to open a new era in zero-emission urban mobility for everyone. The NEO's Core is available in Milky White.

NEO's combines Yamaha's renowned quality and reliability with contemporary design and the very latest electrical drive system. Its compact chassis and natural riding position make the NEO's ideal for getting through busy city streets. And an underseat 50.4V battery powers the direct-drive hub-mounted electric motor for smooth and responsive acceleration.



- Uklonjivi Yamahin litij-ionski akumulator
- Ugladeno, tiho i učinkovito električno napajanje
- Električni motor s izravnim pogonom montiran u glavčinu
- Trenutačno i upravljivo ubrzanje
- Univerzalni položaj za vožnju za svaku veličinu građe i svaki doživljaj
- Iznimno tihi rad
- Jednostavan, kompaktan i univerzalnog stila
- Spremište ispod sjedala za poluotvorenu kacigu
- Potpuno LED osvjetljenje

Yamaha has been developing and producing electric vehicles for three decades – as well as being recognized as one of the world's most respected manufacturers of high-quality scooters – so you can be sure that the stylish NEO's comes with attractive design, the latest technology and first-class reliability.

Move Smart

Now is the time to rethink the way you live, work and move in the city. Like many people you're probably looking for an alternative to crowded public transport systems – and going by car isn't viable. This is the time for real change. And NEO's electric scooter is ready to give you a new sense of freedom in your city!

As cities evolve and more people seek alternatives to crowded public transport, NEO's Core electric scooter offers the perfect solution for your urban mobility needs. With its dual battery system, NEO's Core delivers a smooth and comfortable ride for up to 68 km*. Thanks to its portable batteries and practical design, NEO's Core is always ready when you are. Enjoy the freedom of convenient, eco-friendly mobility and embrace a smarter way to move through the city. (*Range tested in WMTC Class 1 in STD mode at 25°C.)

Comfortable, agile and easy to ride, this new generation Yamaha scooter is powered by a lithium-ion battery and driven by a hub-mounted electric motor that gives you strong and controllable acceleration – but with zero emissions and a super quiet ride! NEO's: Move Smart.



Extended riding range

The NEO's Core model gives you an extended riding range for longer distance urban commuting. Equipped with two portable 50.4V/19.2Ah lithium-ion batteries that can be charged while fitted to the scooter or easily removed and charged at your home or office, the NEO's Core gives you a potential range of up to 68km*. *Tested in WMTC Class 1 in STD mode, fully charged battery at a temperature of 25°C.



Smooth, quiet and efficient electric power

Simple, stylish and easy to use, the NEO's electric scooter has the potential to transform the way you live and move in the city by making every journey smoother, easier and more enjoyable! NEO's combines proven Yamaha quality with low running costs and the many benefits of electric power.



Direct drive hub-mounted electric motor

For maximum efficiency the NEO's is equipped with the latest generation Yamaha Integrated Power Unit (YIPU) that features an air-cooled brushless electric motor located inside the rear wheel hub. This compact direct drive design eliminates the need for gears or belts and ensures smooth running, strong acceleration and extremely quiet operation.



Quick and controllable acceleration

As soon as you pull away on the NEO's you'll feel its smooth power delivery and precise control at all speeds. Yamaha has taken extra care to ensure that the throttle design provides you with a smooth, confident feeling when accelerating from a standstill and when riding in slow moving traffic – making this electric scooter an ideal choice for all riders.



Universal riding position for all sizes and experience

Featuring a relaxed and upright riding position, the new generation electric NEO's is the ideal vehicle for riders of all ages, sizes and experience who are looking for a responsible and accessible alternative to the car and public transport. And with its simple twist-and-go performance, easy agility and high levels of comfort, this is the smartest choice in zero-emission urban mobility.



Ultra-quiet running

NEO's offers you many advantages, including low running costs, ease of use and the ability to access the growing number of ultra-low and zero-emission zones in Europe's cities. It's also one of the quietest ways to travel, and in official tests this new Yamaha electric scooter was measured at just 55dB from 7 meters – compared to 71dB for its 50cc combustion equivalent.

Šasija

Hod ovjesa sprijeda	90 mm
Kut prednje vilice	25°30'
Sustav ovjesa sprijeda	Teleskopske vilice
Okvir	Motocikl jednostavne konstrukcije
Promjer diska kočnice (prednji)	200 mm
Stražnja guma	130-70-13M/C 63P bez zračnice
Prednja kočnica	Hidraulička jednostruka disk kočnica
Hod ovjesa straga	80 mm
Sustav ovjesa straga	Njihajuća ruka
Prednja guma	110-70-13M/C 48P bez zračnice
Predtrag	84 mm
Stražnja kočnica	Mehanička bubanj kočnica s polukružnim kočnim čeljustima

Agregat

Pričvršćivanje akumulatora	Uklonjivo
Nominalna snaga	2,3 kW / 424 o/min
Vrsta akumulatora	Litij-ionski
Maksimalan okretni moment	136,0 N·m (13,9 kg f·m) / 50 o/min
Potrošnja energije (WMTC klasa 1)	31 Wh/km
Veličina akumulatora	360 mm (D) x 215 mm (Š) x 105 mm (V)
Vrsta električnog motora	Energijom nabijeni 3-fazni sinkronizirani agregat
Vrsta punjača	Zidni punjač 220 VAC; Izlazna snaga 58,8 V, 3 A
Maksimalna snaga	2,5 kW (3,4 KS) / 400 o/min
1. domet baterija (WMTC klasa 1)	37 km
1. domet baterije, ekološki način rada	38.5 km: Ovaj raspon mijenja se ovisno o mjestu, stilu vožnje i pogoršanju stanja baterije.
Vrijeme punjenja (0 % do 100 %)	8 sati: Vrijeme punjenja ovisi o okruženju punjenja
1. i 2. domet baterije	68 km: Ovaj raspon mijenja se ovisno o mjestu, stilu vožnje i pogoršanju stanja baterije.
Ukupan broj ugrađenih akumulatora	2
Maksimalan broj akumulatora	2
Težina akumulatora	8,0 kg
Napon akumulatora, kapacitet	50,4 V, 19,2 A (5HR)
Vrijeme punjenja (20 % do 80 %)	4 sati: Ovisno o uvjetima uporabe i pogoršanju stanja baterije, vrijeme punjenja može se promijeniti.

Dimenzije

Minimalna udaljenost od tla	135 mm
Ukupna dužina	1.875 mm
Visina sjedala	795 mm
Ukupna širina	695 mm
Težina vozila (bez akumulatora)	90 kg
Međuosovinski razmak	1.305 mm
Ukupna visina	1120 mm

