



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 and the NEO's Dual Battery models are ready to open a new era in zero emission urban mobility for everyone. Both models are available in Milky White, Midnight Black and Aqua.

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.



- Smooth, quiet and efficient electric power
- Direct drive hub-mounted electric motor
- Quick and controllable acceleration
- Universal riding position for any size and experience
- Removable Yamaha lithium-ion battery
- NEO's Dual Battery model with extended range also available
- Selectable ride modes
- Ultra-quiet running
- Simple, compact and universal styling
- Connectivity via Yamaha MyRide app
- Jet helmet underseat storage

Stay connected by downloading Yamaha's free MyRide app to your smartphone and you'll be able to receive various information about the vehicle on your phone – and NEO's will display alerts for incoming calls and new messages on the LCD instruments. A full battery gives around 37km* range and can be fully charged in around 8 hours** from flat – and you can fit an optional second battery for increased range. NEO's: Move Smart. (*Tested in WMTC Class 1 in STD mode, fully charged battery at a temperature of 25°C. **Charging times may vary depending on the charging environment.)

Move Smart.

This is an ideal time to consider efficient new urban mobility solutions. The way everybody moves around the city is undergoing a massive transformation as people turn away from congested public transport and look for a simple and accessible way to live, work and move in the city. And NEO's electric scooter is ready for you right now.

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.

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.



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.



Removable Yamaha lithium-ion battery

NEO's is supplied with a single high density 50.4V/19.2Ah lithium-ion battery giving a range of 37km* – and range can be extended by purchasing an optional second battery. It is located beneath the dual seat for easy access, and it weighs only 8kg. Charging can be carried out with batteries fitted to the scooter or when removed. (*Tested in WMTC Class 1 in STD mode, fully charged battery at a temperature of 25°C.)



Selectable ride modes

NEO's is equipped with two selectable ride modes designed to suit different conditions and individual preferences. STD mode is designed for typical road use and delivers the highest power output, while ECO mode reduces battery consumption and is ideal for longer trips – giving a range of 38.5km* – and you can easily switch between modes while riding. (*Yamaha research. This range changes by place, riding style and battery degradation.)

Chassis

| | |
|-------------------------------|--|
| Front travel | 90 mm |
| Caster angle | 25°30' |
| Front suspension system | Telescopic fork |
| Frame type | Underbone |
| Diameter of brake disk(Front) | 200 mm |
| Rear tyre | 130-70-13M/C |
| Front brake | Hydraulic single disc brake |
| Rear Travel | 80 mm |
| Rear suspension system | Swingarm |
| Front tyre | 110-70-13M/C |
| Trail | 84mm |
| Rear brake | Mechanical leading trailing drum brake |

Motor

| | |
|---|---|
| Battery fixation | Removable |
| Nominal power | 2.3kW @ 424 rpm |
| Battery type | Lithium ion |
| Maximum torque | 136.0Nm @ 50 rpm |
| Energy Consumption(WMTC Class1) | 31Wh/km |
| Battery dimension | 360mm(L)x215mm(D)x105mm(H) |
| Electric motor type | Excitation 3 phase synchronized motor |
| Charger type | Wall charger 220VAC; Output 58.8V, 3A |
| Maximum power | 2.5kW @ 400 rpm |
| 1st Battery Range (WMTC Class 1) | 37 km |
| 1st Battery Range, Eco mode | 38.5 km: This range changes by place, riding style and battery degradation. |
| Charging time (0-100%) | 8 hours: Charging time may vary depending on the charging environment |
| 1st and 2nd Battery Range | 68 km: This range changes by place, riding style and battery degradation. |
| Total number of battery packs installed | 1 |
| Maximum number of battery packs | 2 |
| Battery weight | 8.0kg |
| Battery voltage, capacity | 50.4V, 19.2Ah(5HR) |
| Charging time (20-80%) | 4 hours: Depending on use conditions and battery degradation, charging time may change. |

Dimensions

| | |
|----------------------------------|---------|
| Minimum ground clearance | 135 mm |
| Overall length | 1875 mm |
| Seat height | 795 mm |
| Overall width | 695 mm |
| Vehicle weight (without battery) | 90kg |
| Wheelbase | 1305 mm |
| Overall height | 1120 mm |

