



TORROT

KIDS
YOUTHS

MOVING FORWARD WITH THE ELECTRIC GENERATION

We are TORROT, a Spanish electric motorbike manufacturer with more than 75 years of history. From 2016 we evolved exclusively to electric offering bikes for the youngest riders: motocross, trial and supermotard.

#generationE





TORROT
CATALOGUE

I N D E X

ABOUT US


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Founded in 1948, Torrot originally built bicycles before advancing into the production of mopeds and motorcycles.

We have 75 years of experience in design, build and assembly of motorcycles.

At our factory in Salt, Girona, 100km north of Barcelona, we have capitalized on our reputation for unrivalled technology and build quality. In addition to building our own bikes, we also produce a large number of bikes for Rieju.

The company is owned by a private equity firm. 100% of the invested capital came from USA pension funds.





Factory in Europe: 10.000 sqm



ISO 9001 and ISO 14001



In-house R+D Centre



After sales service & spare parts



Designed in our R+D department | Manufactured in our EU assembly line | Quality control procedures in our test bench

Procedures all-in-one: we design, we built and we test

KIDS

TORROT KIDS: ELECTRIC MOTOCROSS, ROAD & TRIAL BIKES

Our KIDS bikes, are designed to grow up with the rider.

Accompanying them through the journey of learning and gaining skills: starting with SERIES ONE for kids from 3 to 7 years old and the next step, SERIES TWO for kids from 6 to 10 years old.



SCAN
OR Click



RANGE KIDS

MOTOCROSS

TRIAL

SUPERMOTARD

ONE



TWO



SERIES **ONE**



MOTOCROSS

PARENTAL CONTROL

Wireless control from our **APP** for **Android & iOS** devices

MAX SPEED

42km/h (26mph)
Speed limiting device included

EFFICIENT

Energy **regenerative** system

BRAKES

Hydraulic brake system with **160mm** discs



CUSTOMIZED: ages 3 to 7



Programmable output
up to 840W



Removable
Lithium battery



APP available with
parental control functions



2 years global warranty
(Spain and Portugal, 3 years)



Environmentally friendly and quiet,
the future of off-road

S P E C S

MOTOCROSS ONE

CYCLE PART

Chassis Tubular - Steel

Front suspension Hydraulic fork 95mm travel

Rear suspension Shock absorber with pre-load adjustment 85mm travel

Wheels Front: 10" x 1.60" / Rear: 10" x 1.60"

Tires Front: Michelin Starcross 10" 2.50 / Rear: Michelin Starcross 10" 2.50

Brakes Front: 160 mm hydraulic / Rear: 160 mm hydraulic

ENGINE

Battery Swappable 46.8V / 6.6Ah / 309Wh / 13S 3P

Motor Controller 48V / programmable parameters using the APP: speed, power, throttle response and motor retention (regeneration)

Motor Maximum power of 840W

FEATURES

Weight with battery 31.5Kg

Maximum rider weight 30Kg

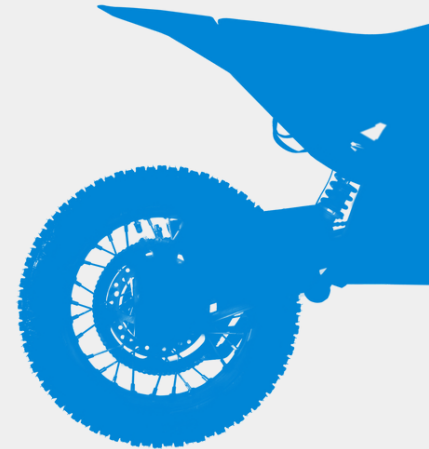
Charger 54.6V / 2A (≈4 hours to fully charged)

Other functionalities

Bluetooth parental control and power management APP.

Speed and power limiting device.

Vehicle height adjustable to two positions.



SERIES **ONE**



TRIAL

PARENTAL CONTROL

Wireless control from our **APP** for **Android & iOS** devices

MAX SPEED

42km/h (26mph)
Speed limiting device included

EFFICIENT

Energy **regenerative** system

BRAKES

Hydraulic brake system with 160mm discs



CUSTOMIZED: ages 3 to 7



Programmable output
up to 840W



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S P E C S

TRIAL ONE

CYCLE PART

Chassis Tubular - Steel

Front suspension Hydraulic fork 95mm travel

Rear suspension Shock absorber with pre-load adjustment 85mm travel

Wheels Front: 10" x 1.60" / Rear: 10" x 1.60"

Tires Front: TORROT Trial 10" / Rear: TORROT Trial 10"

Brakes Front: 160 mm hydraulic / Rear: 160 mm hydraulic

ENGINE

Battery Swappable 46.8V / 6.6Ah / 309Wh / 13S 3P

Motor Controller 48V / programmable parameters using the APP: speed, power, throttle response and motor retention (regeneration)

Motor Maximum power of 840W

FEATURES

Weight with battery 30Kg

Maximum rider weight 30Kg

Charger 54.6V / 2A (≈4 hours to fully charged)

Other functionalities

Bluetooth parental control and power management APP.

Speed and power limiting device.

Vehicle height adjustable to two positions.



SERIES ONE



SUPERMOTARD

PARENTAL CONTROL

Wireless control from our **APP** for **Android & iOS** devices

MAX SPEED

42km/h (26mph)
Speed limiting device included

EFFICIENT

Energy **regenerative** system

BRAKES

Hydraulic brake system with 160mm discs



CUSTOMIZED: ages 3 to 7



Programmable output
up to 840W



Removable
Lithium battery



APP available with
parental control functions



2 years global warranty
(Spain and Portugal, 3 years)



Environmentally friendly and quiet,
the future of off-road

S P E C S

SUPERMOTARD ONE

CYCLE PART

Chassis Tubular - Steel

Front suspension Hydraulic fork 95mm travel

Rear suspension Shock absorber with pre-load adjustment 85mm travel

Wheels Front: 10" x 1.60" / Rear: 10" x 1.60"

Tires Front: Michelin Citygrip 90/90-10 / Rear: Michelin Citygrip 90/90-10

Brakes Front: 160 mm hydraulic / Rear: 160 mm hydraulic

ENGINE

Battery Swappable 46.8V / 6.6Ah / 309Wh / 13S 3P

Motor Controller 48V / programmable parameters using the APP: speed, power, throttle response and motor retention (regeneration)

Motor Maximum power of 840W

FEATURES

Weight with battery 33Kg

Maximum rider weight 30Kg

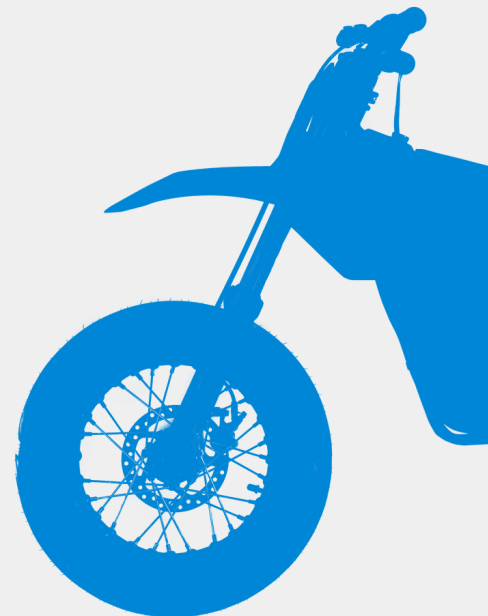
Charger 54.6V / 2A (≈4 hours to fully charged)

Other functionalities

Bluetooth parental control and power management APP.

Speed and power limiting device.

Vehicle height adjustable to two positions.



SERIES TWO



MOTOCROSS

PARENTAL CONTROL

Wireless control from our **APP** for **Android & iOS** devices

MAX SPEED

44km/h (27mph)

Speed limiting device included

EFFICIENT

Energy **regenerative** system

BRAKES

Hydraulic brake system with **160mm discs**



CUSTOMIZED: ages 6 to 10



Programmable output
up to 1500W



Removable
Lithium battery



APP available with
parental control functions



2 years global warranty
(Spain and Portugal, 3 years)



Environmentally friendly and quiet,
the future of off-road

S P E C S

MOTOCROSS TWO

CYCLE PART

Chassis Tubular - Steel

Front suspension Hydraulic fork 95mm travel

Rear suspension Oil shock absorber with pre-load adjustment 125mm travel

Wheels Front: 14" x 1.60" / Rear: 12" x 1.85"

Tires Michelin Starcross 60/100-14 / Rear: Michelin Starcross 80/100-12

Brakes Front: 160 mm hydraulic / Rear: 160 mm hydraulic

ENGINE

Battery Swappable 46.8V / 8.8Ah / 412Wh / 13S 4P

Motor Controller 48V / programmable parameters using the APP: speed, power, throttle response and motor retention (regeneration)

Motor Maximum power of 1500W

FEATURES

Weight with battery 35Kg

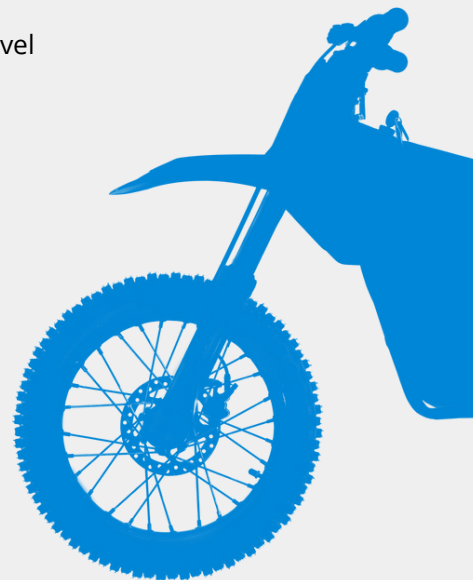
Maximum rider weight 30Kg

Charger 54.6V / 2A (≈ 5 hours to fully charged)

Other functionalities

Bluetooth parental control and power management APP.

Speed and power limiting device.



SERIES TWO



TRIAL

PARENTAL CONTROL

Wireless control from our **APP** for **Android & iOS** devices

MAX SPEED

44km/h (27mph)

Speed limiting device included

EFFICIENT

Energy **regenerative** system

BRAKES

Hydraulic brake system with **160mm discs**



CUSTOMIZED: ages 6 to 10



Programmable output
up to 1500W



Removable
Lithium battery



APP available with
parental control functions



2 years global warranty
(Spain and Portugal, 3 years)



Environmentally friendly and quiet,
the future of off-road

SPECS

TRIAL TWO

CYCLE PART

Chassis Tubular - Steel

Front suspension Hydraulic fork 95mm travel

Rear suspension Oil shock absorber with pre-load adjustment 125mm travel

Wheels Front: 12" x 1.60" / Rear: 12" x 1.60"

Tires Front: TORROT Trial 12" / Rear: TORROT Trial 12"

Brakes Front: 160 mm hydraulic / Rear: 160 mm hydraulic

ENGINE

Battery Swappable 46.8V / 8.8Ah / 412Wh / 13S 4P

Motor Controller 48V / programmable parameters using the APP: speed, power, throttle response and motor retention (regeneration)

Motor Maximum power of 1500W

FEATURES

Weight with battery 33Kg

Maximum rider weight 30Kg

Charger 54.6V / 2A (≈5 hours to fully charged)

Other functionalities

Bluetooth parental control and power management APP.

Speed and power limiting device.



SERIES TWO



SUPERMOTARD

PARENTAL CONTROL

Wireless control from our **APP** for **Android & iOS** devices

MAX SPEED

44km/h (27mph)
Speed limiting device included

EFFICIENT

Energy **regenerative** system

BRAKES

Hydraulic brake system with 160mm discs



CUSTOMIZED: ages 6 to 10



Programmable output
up to 1500W



Removable
Lithium battery



APP available with
parental control functions



2 years global warranty
(Spain and Portugal, 3 years)



Environmentally friendly and quiet,
the future of off-road

CYCLE PART

Chassis Tubular - Steel

Front suspension Hydraulic fork 95mm travel

Rear suspension Oil shock absorber with pre-load adjustment 125mm travel

Wheels Front: 12" x 1.85" / Rear: 12" x 1.85"

Tires Front: Michelin Citygrip 90/90-12 / Rear: Michelin Citygrip 90/90-12

Brakes Front: 160 mm hydraulic / Rear: 160 mm hydraulic

ENGINE

Battery Swappable 46.8V / 8.8Ah / 412Wh / 13S 4P

Motor Controller 48V / programmable parameters using the APP: speed, power, throttle response and motor retention (regeneration)

Motor Maximum power of 1500W

FEATURES

Weight with battery 37Kg

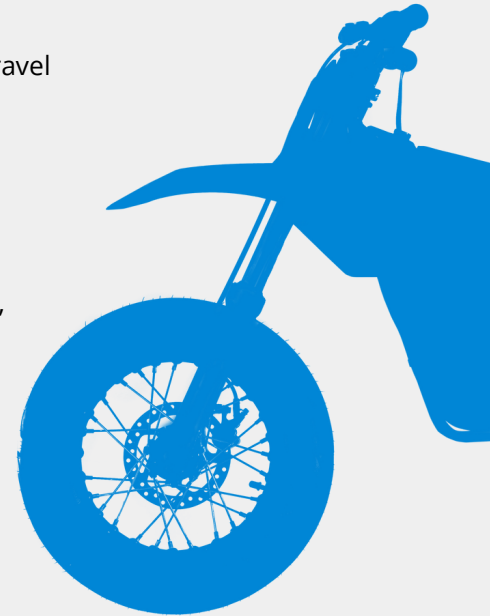
Maximum rider weight 30Kg

Charger 54.6V / 2A (≈ 5 hours to fully charged)

Other functionalities

Bluetooth parental control and power management APP.

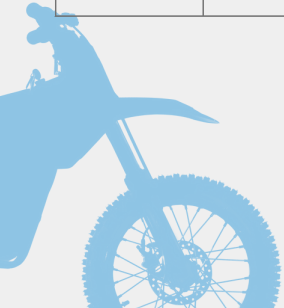
Speed and power limiting device.



SPECS

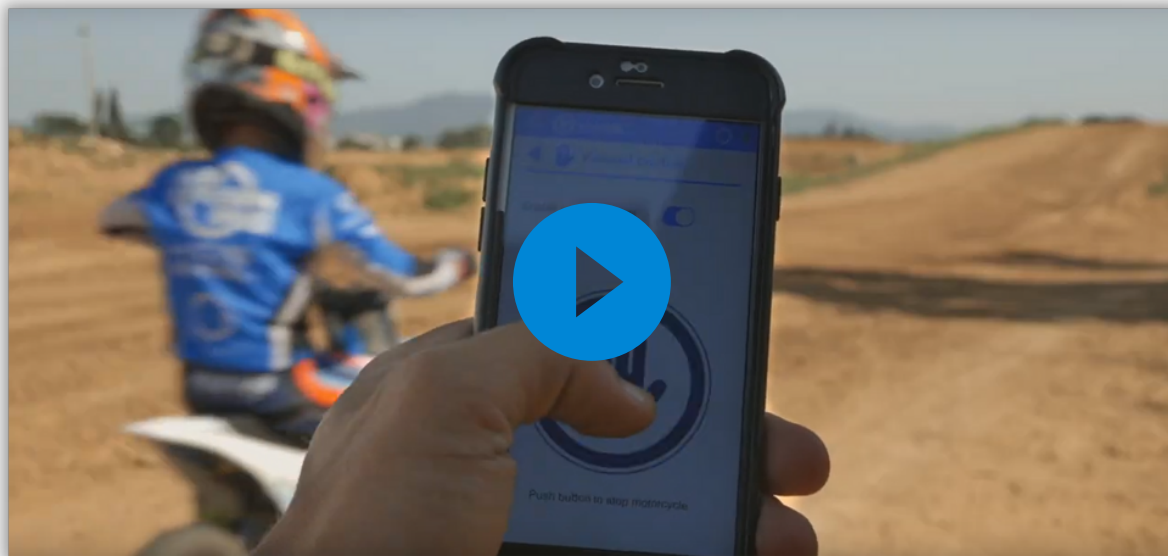
COMPARATIVE TABLES

MODEL	TYPE	WHEIGHT	MAX. PILOT WEIGHT	MAX. SPEED	MOTOR POWER	SUSPENSION TRAVEL	WHEELS	BRAKES	SEAT HEIGHT
ONE	MOTOCROSS	31.5 kg	30 kg	42km/h (26mph)	Max. power 840W	95mm / 85mm	10" x 1,60" (front/rear)	160 mm hydraulic (front/rear)	550mm
	TRIAL	30 kg	30 kg	42km/h (26mph)					490mm
	SUPERMOTARD	33 kg	30 kg	42km/h (26mph)					575mm
TWO	MOTOCROSS	35 kg	30 kg	44km/h (27mph)	Max. power 1500W	95mm / 125mm	14" x 1,60" / 12" x 1,85"	160 mm hydraulic (front/rear)	640mm
	TRIAL	33 kg	30 kg	44km/h (27mph)					550mm
	SUPERMOTARD	37 kg	30 kg	44km/h (27mph)					640mm



KIDS APP

The app that we have developed for our KIDS bikes is available for Android and iOS devices. You will be able to customize different parameters of the bike such as **speed**, **power**, **throttle response** and **regeneration**, to adapt the bike's behavior to the rider skills and the most interesting thing for parents: the **parental control**. A wireless control that allows parents to limit, configure and even safely disconnect the motorcycle remotely from their smartphone.



YOUTHS

OUR RANGE OF DIRT ELECTRIC BIKES HAS GROWN TO KEEP OFFERING THE RIGHT BIKE AT EACH STAGE: MEET THE MX3.

Designed for ages 9 to 14, this NEW powerful motocross bike, built with the same quality components used in adult bikes, has arrived to beat any challenge.



SCAN
ME



M X 3



MOTOCROSS

THE NEXT STEP FOR YOUNG RIDERSSuitable for ages between **9 - 14****PARENTAL CONTROL**Full wireless parental Control for peace of mind from our **new APP** for **Android & iOS** devices**MAX SPEED****80km/h (50mph)****65cc**

Equivalent

BRAKES**Floating calliper brake system**

CUSTOMIZED: ages 9 to 14

Programmable output
up to 8000WRemovable
Lithium batteryAPP available with
parental control functions2 years global warranty
(Spain and Portugal, 3 years)Environmentally friendly and quiet,
the future of off-road

S P E C S

MOTOCROSS MX3

CYCLE PART

Chassis Perimetral (double cradle) - Steel

Front suspension Upside-Down telescopic forks 215 mm

Rear suspension Linked suspension 270 mm

Wheels Front: 14"x1.40" | Rear: 12"x1.60"

Tires Front: 60/100-R14 | Rear: 80/100-R12

Brakes Front: 220 mm floating caliper, 2 pistons
Rear: 190 mm floating caliper, 1 piston

ENGINE

Battery Lithium. Swappable 58.8V / 33,6Ah / 1.69kWh / 14S 8P

Motor Controller 60V / programmable parameters using the APP: speed, power, throttle response

Power Programmable power up to 8000W. Max speed 80km/h (50mph)

Motor 9 kW

FEATURES

Weight with battery 64kg (141 LBS)

Maximum rider weight 50kg (110 LBS)

Charger 58.8V / 600w (≈ 4 hours to fully charged)

Other functionalities

3 Driving maps (Low, Middle, High). Bluetooth module via App (iOS/Android) remote parameter programming and parental control.



MX3

APP

A total new app designed exclusively for the MX3, for an upgraded experience. Discover some features:

Full parental Control for peace of mind (Lock/Unlock Traction).

Parameter Configuration (Power, Speed, Throttle Response).

Motorcycle Status (Battery, Temperature, etc.).

Location of the Motorcycle 24/7 (even if Main Battery is removed).

Datalogging (Star/End Datalogging using a Chronometre, Lap counter also available).

Alert Notifications (unauthorized movement, Low Battery, Battery removed, etc.).

Remote Locking (disable the motorcycle in case of Theft)

First production of the MX3 will take place on last quarter 2023.
Reserve your production slot now!
Very high demand.



FOR THE LATEST UPDATED INFORMATION AND FOR IMPORTANT SAFETY INFORMATION
PLEASE READ CAREFULLY www.torrot.com/en/manuals

IN THE EVENT THAT BY MISTAKE THERE IS ANY DIFFERENCE WITH THE USER
MANUAL, THE INFORMATION CONTAINED IN THE USER MANUAL IS THE ONE THAT PREVAILS.

NON-CONTRACTUAL IMAGES: DUE TO TORROT ELECTRIC EUROPA S.A. CONSTANT
IMPROVEMENTS, THE SPECIFICATIONS AND EQUIPMENT MAY VARY WITHOUT PRIOR
NOTICE.





TORROT

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