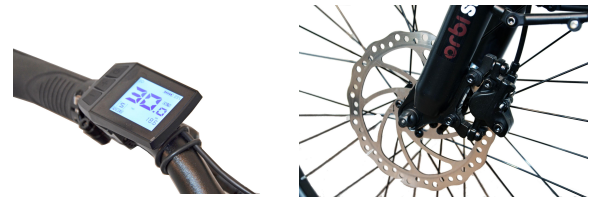


AFRICROOZE FLEET SPECS

2024/2025



Allrounder (Long Tail Cargo E-Bike)



The Allrounder is a long tail E-Bike, made to transport people and goods fast and efficient through urban and off road areas.

The frame is made of steel to guarantee a robust, light and maneuverable E-Bike. A low step over height makes the E-Bike accessible and comfortably to ride.

The specially designed **utility rack** withstands 75 kg payload.

The electrical assistance supports the rider automatically when pedalling. The energy comes from the Li Ion 48V battery with 750Wh (Panasonic cells). The rear motor has a rated continuous output of 500W and is designed for heavy duty usage.

To ensure that the E-Bike can brake safely, even with a full load, **hydraulic disc brakes** with 160mm discs were chosen. To extend the maintenance intervals of the brakes, the cables are completely enclosed to protect them from any contact with dirt.

The wheels are particularly sturdy heavy-duty with 24x2.4inch tyres to absorb bumps well and have a lot of contact surface.

A sturdy **bipod stand** is fitted so that the bike can be jacked up straight. This makes loading easier and the bike is more stable

Highlights:

- Low total cost of ownership and low cost per kilometer
- High quality components with long lifetime
- Li Ion Battery (2000 cycles, smartBMS)
- 3 years warranty on EDU
- 7 years warranty on frame
- Spare parts supply through our local partners
- Meet EN 15194 safety standards
- Torque Sensor, state-of-the-art drive train
- After-Sales-Service-Software and tools
- Online platform, online faulty diagnosis and troubleshooting tool, firmware update

Technical Specs

Frame & Fork	Steel frame and suspension fork with dual alloy crown
Max. Speed	25 - 32km/h
Range	75-100km
Motor	48V 500W Motinova geared rear hub motor
Battery	2 x 48V 15.9Ah (1526.4 Wh), Panasonic cell battery, 2000 charging cycles
Pedal assist	Torque sensor
Tyres	24" x 2.40" puncture proof Ralson tyres E50
Brakes	Hydraulic disc brakes with kill switch
Weight Limit	Rider + 75kg on carrier
Display	LCD display with USB A charging port
Gears	8 speed
Power consumption	15-25Wh/km

Commuter



The Commuter is a light weight, is easy to use E-Bike and has sturdy design, ideal for the dealy commute to work.

The frame is made of steel to guarantee a robust, light and maneuverable E-Bike. A low step over height makes the E-Bike accessible and comfortably to ride.

The electrical assistance supports the rider automatically when pedalling. The energy comes from the Li Ion 48V battery with 750Wh (Panasonic cells). The rear motor has a rated continuous output of 350W and is designed for heavy duty usage.

To ensure that the E-Bike can brake safely, even with a full load, **hydraulic disc brakes** with 160mm discs were chosen. To extend the maintenance intervals of the brakes, the cables are completely enclosed to protect them from any contact with dirt.

The wheels are particularly sturdy heavy-duty with 26x2.35inch tyres to absorb bumps well and have a lot of contact surface.

Usage: daily commuting, on/off road

Highlights:

- Low total cost of ownership and low cost per kilometer
- High quality components with long lifetime
- Li Ion Battery (2000 cycles, smartBMS)
- 3 years warranty on EDU
- 7 years warranty on frame
- Spare parts supply through our local partners
- Meet EN 15194 safety standards
- Torque Sensor, state-of-the-art drive train
- After-Sales-Service-Software and tools
- Online platform, online faulty diagnosis and troubleshooting tool, firmware update

Technical Specs

Frame & Fork	Steel frame and suspension fork
Max. Speed	25 - 32km/h
Range	40-50km
Motor	48V 350W Motinova geared rear hub motor
Battery	48V 15.9Ah, Panasonic cell battery, 2000 charging cycles
Pedal assist	Torque sensor
Tyres	RALSON R4163 26" x 2.35" E50 Compound, LRR Compound, 3mm Puncture Protection
Brakes	HYDRAULIC DISC BRAKE LOGAN HD-M220 180/180
Weight Limit	Rider + 15kg on carrier
Display	LCD display with USB A charging port
Gears	8 speed
Power consumption	10-15Wh/km

Cargo E-Bike (Long John Cargo E-Bike)



LongJohn Cargo E-Bikes offer a low center of gravity and are the ideal last mile delivery vehicles. The on and off loading is easy, voluminous or bulky load can be strapped down.

The frame is made of steel to guarantee a robust, light and maneuverable E-Bike. A low step over height makes the E-Bike accessible and comfortably to ride.

The specially designed **front carrier** can withstand 100 kg payload and can be equipped with a delivery box to ensure safe transportation.

The electrical assistance supports the rider automatically when pedalling. The energy comes from the Li Ion 48V battery with 750Wh (Panasonic cells). The rear motor has a rated continuous output of 500W and is designed for heavy duty usage.

To ensure that the E-Bike can brake safely, even with a full load, **hydraulic disc brakes** with 160mm discs were chosen. To extend the maintenance intervals of the brakes, the cables are completely enclosed to protect them from any contact with dirt.

The wheels are particularly sturdy heavy-duty tyres to absorb bumps well and have a lot of contact surface.

A sturdy **stand** is fitted so that the bike can be jacked up straight. This makes loading easier and the bike is more stable

Highlights:

- Low total cost of ownership and low cost per kilometer
- High quality components with long lifetime
- Li Ion Battery (2000 cycles, smartBMS)
- 3 years warranty on EDU
- 7 years warranty on frame
- Spare parts supply through our local partners
- Meet EN 15194 safety standards
- Torque Sensor, state-of-the-art drive train
- After-Sales-Service-Software and tools
- Online platform, online faulty diagnosis and troubleshooting tool, firmware update

Technical Specs

Frame & Fork	Steel frame
Max. Speed	25 - 32km/h
Range	75-100km
Motor	48V 500W Motinova geared rear hub motor
Battery	2 x 48V 15.9Ah (1526.4 Wh), Panasonic cell battery, 2000 charging cycles
Pedal assist	Torque sensor
Tyres	ORTEM M1400 26" x 1.75"/20" x 1.75" E50 Compound, LRR, Reflex Strip, 5mm Puncture Protection
Brakes	Hydraulic disc brakes with kill switch
Weight Limit	Rider + 100kg on front carrier
Display	LCD display with USB A charging port
Gears	8 speed
Power consumption	15-25Wh/km

