



TRON 01

Unlimited Charm

TROOPER 01



250W 50Nm Hub motor / 48V 20Ah 21700 Lithium battery / 20x4.0" Fat tires / Dual suspension frame / IP65 dustproof and waterproof.



01
PERFORMANCE

High Power Rear Hub Motor

250W 50Nm high-power and high-torque rear hub motor provides incredible power for riding, making your riding more enjoyable.



250W
High-power



50Nm
High-torque

Large Capacity Lithium Battery

The capacity of the battery cell was increased by 35%, the density was increased by about 20%, better performance, better Riding experience.



48V 20Ah 21700

Large-capacity lithium battery



120KM

Eco mode

YADEA



02 RIDING RANGE

Pedal assist mode

Users have 3 levels to adjust the power of pedal assist, and the maximum range can be up to 120km on ECO mode,



120KM

ECO MODE 15km/h Range

100KM

MID MODE 20km/h Range

80KM

HIGH MODE 25km/h Range



03 BUILD FOR FREEDOM

Double the Comfort

20x4.0" Fat tires provide much more stability, and dual suspension frame can effectively release bump feelings on tough roads, which brings better riding experience.



04 STYLISH

Old school & So classic

The straddle-style motorcycle design brings a unique and unforgettable looking, becoming a great delight on the street.

05
HIGH SECURITY

Hydraulic Disc Brakes

Efficient and sensitive 180mm hydraulic disc brakes, providing smooth braking handling .



Battery Management System

The system fully protect battery from error due to overcurrent/short-circuit/overheating, overcharge and other issues to extend the battery life.



Overcurrent protection



Short circuit protection



Overheat protection



Overcharge protection

CAN BUS Protocol Communication

It greatly improves the reliability, detectability and maintainability of the whole vehicle, and at the same time improves the level of intelligence. The CAN BUS communication system has the functions of alarm and recording, which can realize the remote monitoring of the vehicle and modify the data.

Alarm and recording

Remote monitoring

Modify the data



06
MORE DETAILS



TECHNICAL SPECIFICATION



TROOPER 01

L*W*H	1700*690*750mm	Handlebar	Alloy
Motor	Hub motor 48V 250W	Stem	Alloy
Battery	48V 20Ah	Headsets	1-1/8" Ø28.6*Ø44*Ø30
Net weight	36.5kg	Hub	Alloy
Frame	Dual suspension frame, AL6061	Rim	Alloy
Fork	Suspension fork	Tyres	CST 20x4.0"
Brake	Tektro hydraulic disc brake	Seat post	N/A
Rear derailleur	Single speed	Chain	KMC single speed
Throttle	Standard	Lighting	Yadea integrated front and rear light
Controller	48V 250W Controller	Mudguard	Front and rear
PAS	Speed sensor	Carrier	N/A
Range (Eco mode)	120km		