

MOTORINO XPe

With its cheeky, voluptuous Continental styling, the MOTORINO XPe is bursting with joie de vivre. Smaller and lighter than most other MOTORINO XP models, it's nimble and easy to park anywhere. Lower seat height better suits shorter riders and with the support of the adjustable rear shocks it can carry two people. Since it was designed with city-living in mind, the battery pack is user-removable so it can be charged off-bike or quickly swapped. Since 2015, it incorporates a state of the art 48V Sine Wave controller and motor with not just better efficiency but also a five year guaranty of its drive train.



Motor: MOTORINO CCT 500W Nominal power 48V brushless, Max torque: 66 Nm

Motor Controller: 18 MOSFETs MOTORINO CCT Sine-Wave with regenerative braking

Battery: Removable 48V 20A-h sealed lead-acid / 48V 26A-h Lithium Ion (LiFePO4)

Charger: 48V 3A, 120V/220V AC input, Optional Lithium: 48V 5A 120VAC input

Charging Time: 7.5Hrs for Lead-Acid; 5.0Hrs for Lithium battery

12V Subsystem: DC/DC Converter 48V>12V 10A (for all lighting and 12V socket)

Brakes: Mechanical: front and rear hydraulic disk brakes with ABS

Electric: regenerative, triggered by front or rear brake actuation.

Suspension: Front - twin hydraulic shock. Rear: twin adjustable-hydraulic shocks.

Tires: Front: 3.5X10" tubeless, DOT-spec Rear: 3.5x10" tubeless DOT-spec

Wheels: Front: 2.15x10" cast alloy, Rear: 2.15x10" steel rim with integral motor

Seat: Padded, double place, 76cm (30") above ground.

Instruments: Digital Speedometer/Odometer, Volt Gauge, Turn Signal, Lights

Safety Equipment: Rear-view mirrors, horn, dual high/low beam headlights with running light, front and rear turn signals, tail light, brake light

Security: Built-in vibration sensitive alarm system, steering Lock, helmet lock

Range: Up to 50km with standard SLA battery; Up to 75 with LiFePO4 battery

Top Speed: 32km/h (governed as per vehicle class regulation)

Climbing ability: Load (kg) 60 75 90 105 120

Incline(%) 24 21 19 17 15

Dimensions : Without Batt 48V/20AH SLA 48V/26AH Li Wheelbase

and weight: 70kg/154Lb 27kg/60Lb 14kg/31Lb 140cm/55" 190cm/75"

*based on flat terrain and 70kg (155lb) load

