



## Vitality Eco 3 Sport Wave

Shimano Deore 10-speed / Bosch Performance Line/ 500Wh / Disc

Article	Inch	Frame size	Color
122220380	28"	Wave, 47 cm	turquoise matt
122220381	28"	Wave, 51 cm	turquoise matt
122220382	28"	Wave, 55 cm	turquoise matt

### Drive System

#### Motor

Bosch Performance Line, Gen.3

36 Volt, Mid-engine

Output power 250 Watt

#### Display

Purion

#### Battery

Bosch Frame battery semi-integrated

Energy content: 500 Wh

Voltage: 36 Volt

Capacity: 13,4 Ah

Technical changes and changes in equipment reserved, color deviations possible.

General	
<b>Frame</b>	Aluminum 6061, Bosch semi-integrated
<b>Head set</b>	Acros AZX-585, tapered, with cable integration and blocklock
<b>Fork</b>	Suntour NEX-HLO, with lockout-function
<b>Shifting System</b>	Shimano Deore RD-M4120, 10-speed
<b>Derailleur</b>	---
<b>Brakes</b>	Shimano BR-MT200 (front 180 mm / rear 160 mm)
<b>Headlight</b>	Herrmans MR Go, 30 LUX
<b>Rear light</b>	Trelock, LS 654, with brake light function
<b>Carrier</b>	part of the frame with Racktime-attachment and spring flap
<b>Saddle</b>	Selle Royal Essenza
<b>Seat post</b>	Humpert Ergotec Atar, patent, 27,2 mm, 300 mm
<b>Pedals</b>	Marwi SP-811
<b>Kickstand</b>	Comp Flex, rear kickstand
<b>Chainguard</b>	SKS Chainbow_E
<b>Mudguard</b>	SKS, plastic
<b>Other</b>	maximum weight allowed 140 kg
<b>Weight</b>	24,5 kg
Cockpit	
<b>Stem</b>	Satori Python, angle adjustable, with cable integration
<b>Handlebars</b>	Humpert Ergotec City Cruiser, aluminum, 635 mm
<b>Grips</b>	Herrmans DD37, with clamp
<b>Shift lever</b>	Shimano Deore SL-M4100, 10-speed
<b>Brake lever</b>	Shimano Altus, 3-finger Brake lever
Wheels/Tires/Drivetrain	
<b>Tires</b>	Schwalbe Energizer Active Plus, 47-622, reflex
<b>Rims</b>	Schürmann YAK19 Disc aluminum, 36 holes
<b>Spokes</b>	Niro 2,0 mm
<b>Front Hub</b>	Shimano HB-TX505, Centerlock, 36 holes
<b>Rear Hub</b>	Shimano FH-TX505, Centerlock, 36 holes
<b>Sprocket</b>	Shimano Deore CS-HG50, 10-speed, 11-36 teeth
<b>Chain</b>	KMC E10 EPT
<b>Inner bearing</b>	---
<b>Bottom bracket</b>	Miranda aluminum, 170 mm, chainring 38 teeth
<b>Gear ratio (f:r)</b>	38 teeth : 11-36 teeth