



TWENTYFOUR E-POWER



Clean, gracile and light - the TWENTYFOUR E-POWER is a stunning e-bike for road and cross-country use. Kids with 1.25m height or more are already able to benefit from the larger 24 inch wheels with better roll-over behaviour. Like all Ben-E-Bikes this fantastic bicycle is equipped with numerous noble parts which are everything but common in this price range. The result - a total weight of less than 11 kg!

SPECIFICATION



- Weight without pedals 10.7 kg
- Weight with pedals 10.9 kg



- 24" frame AL6061 superlight 1.14 kg
- Rigid fork AN6 Superlight, postmount



- PLP crank set 140 mm, chainring 32T
- Neco bottom bracket with hollow CrMo spindle
- CNC pedals with titanium spindle and three sealed bearings
- Shimano XT cassette, 10-speed, 11 – 36T
- Derailleur Shimano ZEE RD-M640SSW, 10-speed, short cage
- Shifter Shimano ZEE SL-M640, 10-speed RapidFire
- Chain KMC X11-93, 104 links
- Shift cable FASI Turbo



- Brushless DC hub motor 250 Watts, 30 Nm maximum torque
- Sine wave controller, maximum support speed and maximum motor power can be adapted to the needs of your child
- LC display with 5 assist levels
- 12-pole PAS crank sensor, speed sensor and hall sensors
- 175 Wh battery, integrated BMS with all kinds of protection features



- Rims REMERX XCO Rio, 32 holes, eye-buttet
- Front hub PLP superlight, QR skewers with titanium spindle
- Spokes Sapim Race
- Tyres Schwalbe ROCKET RON 24 x 2.10
- Tubes Schwalbe AV9



- Hydraulic disc brakes Magura MT4
- Ashima rotors Ai2 160 mm front and rear



- Handle bar BEB full carbon 3K, 600 mm width, 31.8 mm diameter
- Stem BEB superlight 40 mm, 31.8 mm
- Spacer full carbon
- Head set BEB superlight ahead 1 1/8"
- Grips SLR

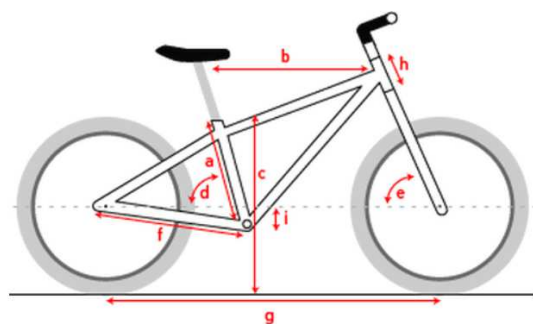


- Saddle BEB race superlight with 7 mm titanium rails
- Seat post BEB superlight, CNC machined, 27,2 mm, 300mm length
- Seat post clamp BEB superlight 31,8 mm



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GEOMETRY



a	Seat tube length	320 mm
b	Effective top tube length	517 mm
c	Stand-over height	570 mm
d	Seat tube angle	73°
e	Head tube angle	71°
f	Chainstay length	410 mm
g	Wheelbase	973 mm
h	Head tube length	100 mm
i	BB drop	50 mm

Minimum driver's height 125 cm
Minimum inseam length 59 cm

Reach	363 mm
Stack	500 mm
Maximum driver weight	45 kg

All data are subject to change without prior notice