

FOLDING E-BIKE MODEL: CLEMSON



Subject to availability and technical modification.



This product is certified by UL Solutions. Representative samples of this product have been evaluated by UL Solutions and meet applicable standards. ANSI/UL 2849 & UL 2271

Highlights

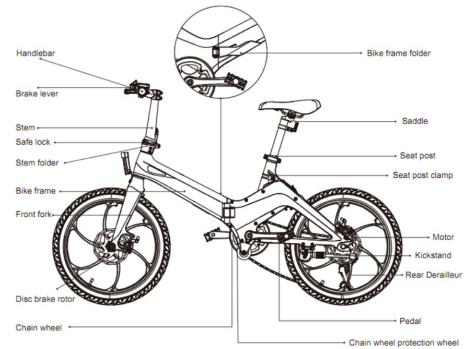
- Sleek, durable, single die-cast foldable magnesium frame with no unsightly soldering joints.
- Portability at only 47 lbs, with an intelligent quick-release mechanism for easy storage, foldable pedals, and handlebar.
- Blaupunkt 36V 350W rear wheel hub motor, 50 Nm torque and maintenance free.
- Magnetic closure system to securely keep the bike folded during transportation.
- Roller blade-style wheel at the bottom of the folded frame for enhanced portability.
- High-quality disc brakes for reliable stopping power.
- 6-speed Shimano SIS circuit for smooth gear shifting.
- 20-inch puncture-proof 2.125 tires for worry-free rides.
- Pedal assist with a 3-stage control, adjustable via the LCD bike computer, reaching speeds up to 32 km/h (20 mph).
- Throttle assist control conveniently located on the hand grip, allowing speeds up to 20 mph (32 km/h).
- Li-ion battery with a capacity of 36 V/10.5 Ah, ensuring a short charging time.
- Removable and lockable battery case located inside the frame.



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FOLDING E-BIKE

SPECIFICATIONS:



MECHANIC

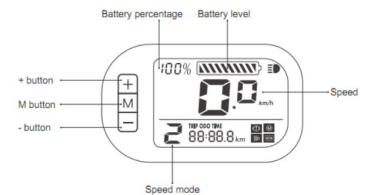
Frame
Rims
Tires
Shift lever
Brakes (front/ rear)
Max. payload

Magnesium, single die-cast (60x22x41")
Magnesium, black powdered
20" x 2.125
Shimano 6- gear SIS derailleur (44T / 14T-28T)
NUTT hydraulic disc brakes, 160/180 mm
265 lbs

DRIVE

Motor
Battery
Controller
Sensors
Driving modes
Bike computer

Blaupunkt Rear hub motor, DC 36 V/ 350 W, 50 Nm, IP54, brushless, maintenance free
36 V/ 10,5 Ah LG- Lithium- Ion battery w. integrated BMS
36 V/ 15 A DC
Cadence & speed sensor
3 levels of peddle and throttle assist. Throttle with walk mode and speed control.
LC- Display wit 3 function keys, backlight. Functions: Speed, ODO, TRIP, TIME, PAS LEVEL, battery, LED light, auto power off, error display.
Switching power supply (AC 100 – 240 Volt), 42 V, 2 A
Approx. 4- 6 h
Up 44 miles
max. 20 MPH



LIGHTING

Lamps/ reflectors

LED- headlight with reflector, EPAC powered.
Rear reflector located seat post.
Pedals w. integrated reflectors & Tires with circumferential reflector stripes

DIMS & WEIGHT

Size (ready to ride): Approx. 60 x 22 x 41" (1520 x 570 x 1040 mm) (LxWxH)
Size (folded): Approx. 31.5 x 20 x 23.5" (800 x 500 x 600 mm) (LxWxH)
Wheel Size: 20" x 2.125
Handlebar height: 13.4" (340 mm)
Handlebar width: 22" (560 mm)
Saddle height: 35 - 37" (870 - 930 mm)
Seat post tube: Ø 1.23" (31.6 mm)
Wheelbase: 40" (1010 mm)
Ground clearance: 8" (200 mm) (up to the transport roller)

