

FOLDING E-BIKE FIENE – PENN STATE



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

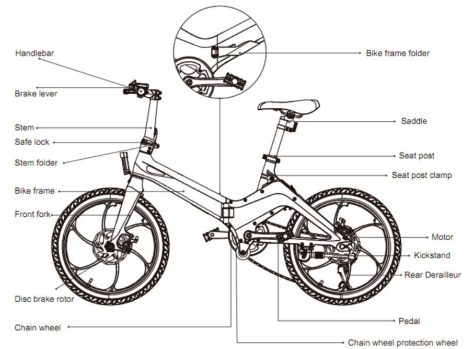
Highlights

- 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:

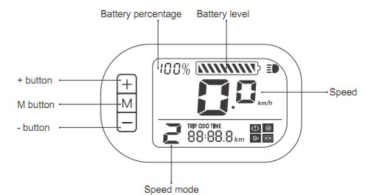


MECHANIC

Frame	Magnesium, single die-cast (60x22x41")
Rims	Magnesium, black powdered
Tires	20" x 2.125
Shift lever	Shimano 6- gear SIS derailleur (44T / 14T-28T)
Brakes (front/ rear)	NUTT hydraulic disc brakes, 160/180 mm
Max. payload	265 lbs

DRIVE

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

