

## FOLDING E-BIKE **FIENE – VANDERBILT**



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*

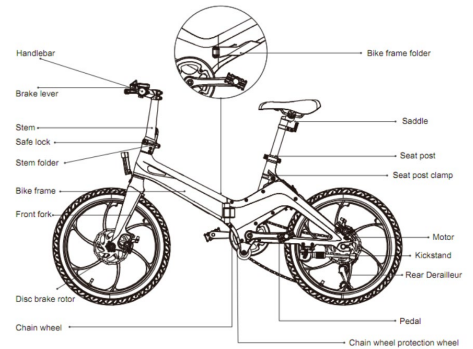
### Highlights

- 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:

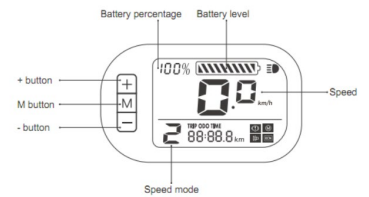


### MECHANIC

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)

