



DAHON announces breakthrough folding technology that can be applied to a vast selection of bicycle types, and wheel sizes.

This technology creates a folded package that is predictable, stable, and easily portable. The outstanding feature is the narrow configuration when folded. In seconds the bicycle changes form to a slim dimension of only 15cm wide. The frame itself doesn't fold, maintaining without sacrifice the strength and stiffness of traditional bicycle frames.

DAHON is releasing this breakthrough technology on their newest model: "NuWave" in 20 inch wheel version. The NuWave frame is of large diameter tubular construction for stability, with the ability for internal battery stowage in the e-bike configuration.

The NuWave utilizes tripod structures in place of long tubes for the handle-bar/stem, and seat-post. These tripod structures give the NuWave significant improvements in stiffness and strength, and simultaneously contributing to a minimal folded shape.

Additionally DAHON has developed an exclusive safety crankset/pedal technology to maintain a narrow folded package: 10cm more narrow than folding pedals.

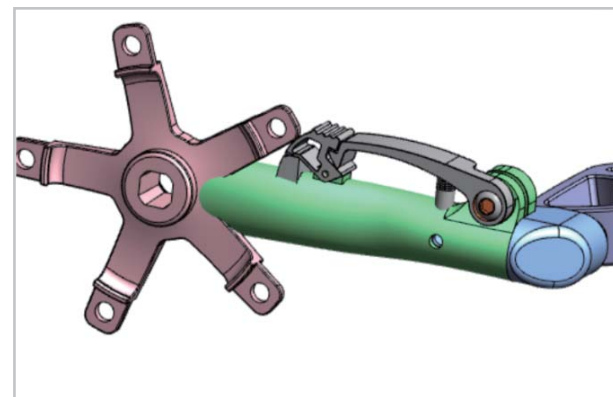
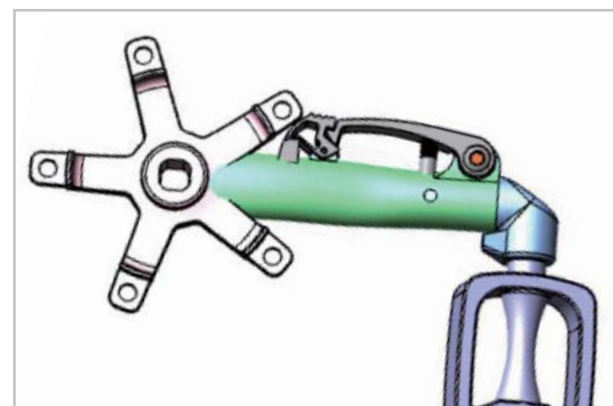
All this technology combined will benefit: e-bikes with optimal battery storage; Secure public bikes easily stowed in lockers; All wheel size bikes 26"to 14"; Any frame configuration type.



## TWIST CRANKSET

### NUWAVE FAST/SLIM TECHNOLOGY

The quick-release system is on the front/rear side of the alloy crank, completely removed from the peddling side. No danger of snagging the trousers. See the operating and twisted views below.



# NUWAVE

## FAST/SLIM TECHNOLOGY



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## NUWAVE 14"

FAST/SLIM TECHNOLOGY

Three speeds and small wheels for the big city. Enjoy huge space savings thanks to slim folding technology, with strong and clever tripod designs which tuck down and flat in no time.



### GENERAL INFORMATION

Model Number	NWA432
Weight	9.57kg (21.05 lbs)
Frame	Dalloy Aluminum
Fork	Dalloy Aluminum
Handlepost	Golden Tripod Dalloy Handlepost
Drivetrain	DAHON Custom 3-Speed
Brakes	Aluminum V-Brakes

\*Specifications are subject to change without notice.

## NUWAVE 14" ELECTRIC

FAST/SLIM TECHNOLOGY

Lead the way with a 3-speed electric bike that stores down to a super small size. A stiff and strong aluminum frame features clever tech for ultimate storage and transport solutions.



### GENERAL INFORMATION

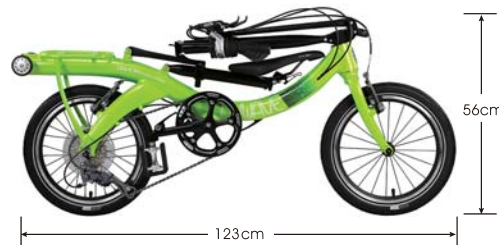
Model Number	NWA432E
Weight	13.44kg (29.57 lbs)
Frame	Dalloy Aluminum
Fork	Dalloy Aluminum
Handlepost	Golden Tripod Dalloy handlepost
E-System	Hub Motor: 36V/250W, Range: 40KM, Samsung Lithium battery
Drivetrain	DAHON Custom 3-Speed
Brakes	Aluminum V-Brakes

\*Specifications are subject to change without notice.

## NUWAVE 16"

FAST/SLIM TECHNOLOGY

Broaden your horizons with a narrow stowing bike. Easy use latches take the 16-inch down to just 15cm wide. The aluminum wave frame is light, strong and ready for any journey.



### GENERAL INFORMATION

Model Number	NWA683
Weight	10.7kg (23.54 lbs)
Frame	Dalloy Aluminum
Fork	Dalloy Aluminum
Handlepost	Golden Tripod Dalloy Handlepost
Drivetrain	Shimano RD-2000, Twist Shifter
Brakes	DAHON Custom V-Brakes, Stainless Link, Anchor and Pivot Bolts

\*Specifications are subject to change without notice.

## NUWAVE 16" ELECTRIC

FAST/SLIM TECHNOLOGY

Unfold new and electric possibilities and forget your storage worries. This 16" can stow where no e-bike has gone before. Featuring great range and a super slim, strong frame.



### GENERAL INFORMATION

Model Number	NWA662E
Weight	14.46kg (31.81 lbs)
Frame	Dalloy Aluminum
Fork	Dalloy Aluminum
Handlepost	Golden Tripod Dalloy Handlepost
E-System	Hub Motor: 36V/250W, Range: 40KM, Samsung Lithium battery
Drivetrain	Shimano FT35-A, Twist Shifter
Brakes	Aluminum V-Brakes

\*Specifications are subject to change without notice.

## NUWAVE 20"

FAST/SLIM TECHNOLOGY

Take your urban ride right down to a rollable, stowable package just 15cm wide. Count on 8 speeds and 20" wheels, plus a smart and stiff aluminum frame that can fold down and away in a flash.



### GENERAL INFORMATION

Model Number	NWA083
Weight	12.26kg (26.97 lbs)
Frame	Dalloy Aluminum
Fork	Dalloy Aluminum
Handlepost	Golden Tripod Dalloy Handlepost
Drivetrain	Shimano RD-M310 8-Speed, Twist Shifter
Brakes	DAHON Custom V-Brakes, Stainless Link, Anchor and Pivot Bolts

\*Specifications are subject to change without notice.

## NUWAVE 20" ELECTRIC

FAST/SLIM TECHNOLOGY

Tripod structures replacing long tubes, these ultra-stiff bikes are foldable to a slim package of 15cm wide (fl) in just seconds. Optional torque-sensitive efficient mid-motor carries you anywhere. Hide able in trunks or behind doors. Pushable / pullable into elevators and subways. A must-see game changer!



### GENERAL INFORMATION

Model Number	NWA083E
Weight	12.26kg (26.97 lbs)
Frame	Dalloy Aluminum
Fork	Dalloy Aluminum
Handlepost	Golden Tripod Dalloy Handlepost
E-System	Mid Motor: 36V/250W, Range: 40KM, Samsung Lithium battery
Drivetrain	Shimano RD-M310 8-Speed, Twist Shifter Brakes
Brakes	DAHON Custom V-Brakes, Stainless Link, Anchor and Pivot Bolts

\*Specifications are subject to change without notice.

## DES-1 E-SCOOTER

NUWAVE FAST/SLIM TECHNOLOGY

DAHON's E-scooter is an ideal travelling companion, for all kinds of riders. Enjoy the ride with electric power that can take you up to 25 miles per hour. With its detachable seatpost, easily and quickly switch between a stand-up and sit-down ride.



### GENERAL INFORMATION

- <5 second folding to 104X32X15cm most compact in class
- 250 Watt motor
- Maximum speed: 25 kph
- Range: 40 km
- Sturdy alloy frame
- Easy-to-view control panel to check speed and battery life
- Service center in Germany, Italy, UK, with optional spare parts at IBD
- 10" fat wheel
- Weight: 12.7kg

\*Specifications are subject to change without notice.

## NUWAVE E-BIKE INFORMATION (14", 16", 20")

Model Name	NWA432E	NWA662E	NWA083E
	Hub motor	Hub motor	Mid motor
Unfolded size (cm)	111*99*53	123*102*53	143*70*53
Folded size (cm)	111*55*15	123*56*15	143*70*15
Maximum speed	25KM/H	25KM/H	25KM/H
Milage per charge	40KM	40KM	40KM
Gradeability	Strong	Strong	Strong
Acceleration method	Assisted acceleration	Assisted acceleration	Assisted acceleration
Battery type	Samsung Lithium battery	Samsung Lithium battery	Samsung Lithium battery
Nominal voltage	36V	36V	36V
Battery capacity	7AH	7AH	7AH
Power display	Meter power display	Meter power display	Meter power display
Starting current	≤ 5A	≤ 5A	≤ 5A
Average current	< 8A	< 8A	≤ 14.5A
Charging time	500 cycles	500 cycles	500 cycles
Motor type	Hub motor	Hub motor	Mid motor
Rated output power	250W	250W	250W
Rated speed	260rpm	260rpm	90rpm
Input Voltage	≤ 42V	≤ 42V	≤ 42V
Output Voltage	36V	36V	36V
Output current	≤ 14.5A	≤ 14.5A	≤ 14.5A
Charging time	5H	5H	5H