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2021

Brand-new Series



TRUE MID DRIVE E-BIKE
B.B. IS AXLE



MENU

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SYSTEM INTRODUCTION

MOTINOVA

MOTOR



BATTERY



CYCLE-COMPUTER



MOTOR

Motinova mid drive motor is the True Mid Drive Motor for e-bikes, motor axle and B.B. parts are concentric and the same piece.

Unlike the other brands, they need transmission coupling between motor and B.B. parts, this will reduce the output power of motor.

Mid drive motor of Motinova, it's B.B. parts is axle, this make it different from others, and enable users have better experience riding e-bikes.

Volans Plus



Pegasi



Model	Volans Plus	Pegasi
Rated power	250 W	250 W
Rated Voltage	36 V	36 V
Max. Drive Torque	75 Nm	80 Nm
Max. Cadence	100 rpm	110 rpm
PAS Level	TURBO SPORT NORM ECO OFF	TURBO SPORT NORM ECO OFF
Smart Mode	YES	YES
Bottom Bracket	JIS Square	ISIS

BATTERY



BD46A



BI50B

Battery	BD46A	BI50B
Rated Voltage	36 V	36 V
Mounting Type	Downtube	Intube
Nominal Capacity	12.8 Ah	14 Ah
Energy Contact	460 Wh	504 Wh
Battery Cell Specification	LGC-MHI (3.2Ah) 40 Cells	LGINR18650MJ1 3500mAh 40 Cells
Size (L x H x W)	336 x 92 x 92 (mm)	473 x 93 x 85 (mm)
Max. Output Current	20 A	20 A
USB Port	Unsupport	Unsupport
Portocol	CAN	CAN
BMS	YES	YES
Charging Time	5.5h with 3A Charger	10h with 2A Charger
Max Continuous Charge Current	3 A	5 A
Storage	6month (At 35% SOC & -10~35°C)	3month (At 35% SOC & -20~45°C)
Test & Certification	IP54, CE, EN 13849-1 / ROHS / UN38.3	IPX4, CE, EN 13849-1 / ROHS / UN38.3

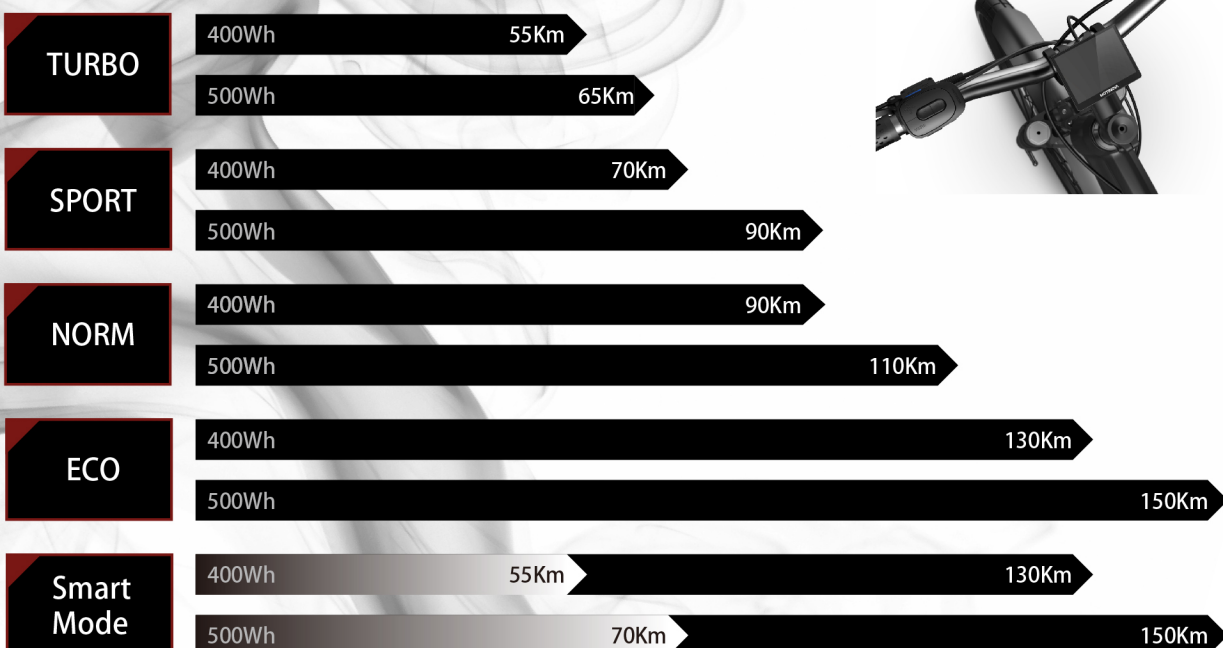
CYCLE - COMPUTER

CS500



Model	CS500
Voltage	24V / 36V / 48V
Size (L x H x W)	78 x 16 x 64 (mm)
Adapted Bar's Diameter	Controller : Φ 22.2 mm Display : Φ 25.4 mm / 31.8 mm
Protocol	CAN
Screen	3.5" FSTN
Material	ABS + PC
IP rating	IP 54

Base on VOLANS



PRODUCT ADVANTAGES

Higher power density



MOTINOVA
PEGASI



BOSCH
Performance Line CX



SHIMANO
E8000



YAMAHA
PW-X



BAFANG
M400



MOTINOVA

Highest output with same size

The quickest response time

Torque sensor response is in 10ms

Response time:

MOTINOVA : <10ms
Others Brand : Approx. 50ms

(Calculated according to technical principles)

<10ms



MOTINOVA

Approx. 50ms



Others Brand

E-BIKE PRODUCTS

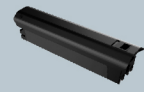
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▾ Pegasi



▾ BI50B



▾ ADAM

Hidden Battery Mountain Type

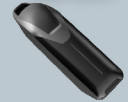
E-bike Class	Class 1
Frame	Motinova hidden battery mountain bike frame
Fork	Zoom-tech RIDIN 27.5"
Derailleur Rear	Shimano Deore LX / 9 speed x 4 mode
Size	M (suitable height : 165~185cm)
Color	Matte black
Selling price	Unpon request

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Volans Plus



BD46A



EVE

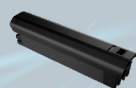
Downtube Battery Mountain Type

E-bike Class	Class 1
Frame	Motinova downtuben battery mountain bike frame
Fork	Zoom-tech RIDIN 27.5"
Derailleur Rear	Shimano Deore LX / 9 speed x 4 mode
Size	M (suitable height : 165~185cm)
Color	Matte black
Selling price	Unpon request

▶ Pegasi



▶ BI50B



CAIN

Hidden Battery City Type

E-bike Class	Class 1
Frame	Motinova hidden battery city bike frame
Fork	SR Suntour m9
Derailleur Rear	Shimano Deore LX / 9 speed x 4 mode
Size	M (suitable height : 165~185cm)
Color	Matte black
Selling price	Unpon request



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ANDA E-BIKE

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This product catalog is for reference only.
The actual product size, color, specifications, etc.,
are subject to the actual bicycle, and the company reserves the right to modify it.