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Electric Bicycle Kit Industry

About us

Suringmax is a company with 10 years of experience in the electric bicycle kit industry. Both of our founders have been involved in this business since their graduation, and we are dedicated to continuing our pursuit of excellence in this field, with the goal of passing on our knowledge and experience to the next generation.

Our Team:

Our team comprises young and dynamic individuals who are passionate about innovation and sustainability. We take pride in our responsible and knowledgeable employees, who are committed to providing the best products and services. Each of our sales representatives can also serve as your personal purchasing assistant.

Company Philosophy:

Our company philosophy is based on honesty and transparency. We never lie, and we aim to ensure that customers from thousands of miles away have no worries after placing orders with us. We believe in creating mutually beneficial relationships with our customers, and our staff is committed to providing the best quality products and services while conducting our business ethically and responsibly.

Product Selection:

We offer a wide range of products and services to meet your needs, and we provide you with the best advice and support to ensure that you receive the right product. In addition to our excellent customer service, we also offer competitive prices to help you increase your market share.

On-Time Delivery:

We strive to provide efficient and reliable service. We understand that the success of a business depends not only on the quality and cost of its products, but also on its ability to deliver on time and provide a smooth transaction process. Our staff works hard to ensure that our customers receive their orders promptly and that the transaction process is as seamless as possible.

Enterprise honor



For City/ Commuter Bikes

Superior version

SRMINI250D

Light Higher torque Silence



Front
Rear
Cassette

Dropout:	100mm/135mm/138mm
Brake Type:	V/Disc
Rated Voltage:	24V/36V/48V
Rated Power:	250W/300W
Max Speed:	32km/h
Max Torque:	40Nm
Reduction Ratio:	1:5.87
Efficiency:	≥ 80%
Weight:	2.2kg
Wheel Size:	12" -29"
Spoke:	36H-12G/13G
Freewheel:	6-7S / Cassette 8-10S
Noise Grade:	≤ 50DB
IP Grade:	IP54
Recommended battery:	8.8Ah-13Ah
Recommended controller:	36V/48V 14A/17A

For City/ Commuter Bikes

Classic version

SR250D

Front
Rear
Cassette



Dropout:	100mm/135mm/138mm
Brake Type:	V/Disc
Rated Voltage:	24V/36V/48V
Rated Power:	250W/350W
Max Speed:	40km/h
Max Torque:	38Nm
Reduction Ratio:	1:4.4
Efficiency:	≥ 80%
Weight:	2.8kg
Wheel Size:	16" -29"
Spoke:	36H-12G/13G
Freewheel:	6-7S / Cassette 8-10S
Noise Grade:	≤ 55DB
IP Grade:	IP54
Recommended battery:	8.8Ah-13Ah
Recommended controller:	36V/48V 14A/17A

For Cruiser/Cargo/Light Off-road bikes

SR500D



- Front
- Rear
- Cassette

Dropout:	100mm/135mm/138mm
Brake Type:	V/Disc brake
Rated Voltage:	24V/36V/48V
Rated Power:	250W/500W
Max Speed:	45km/h
Max Torque:	60Nm
Reduction Ratio:	1:5
Efficiency:	≥ 80%
Weight:	3.7kg
Wheel Size:	16" -29"
Spoke Items:	36H-12G
Freewheel:	None / 6-7S / Cassette 8-10S
Noise Grade:	≤ 55DB
IP Grade:	IP54
Recommended battery:	12.8Ah-17.5Ah
Recommended controller:	36V/48V 22A

SR27HD-500W

High load

climbing easier



- Front
- Rear
- Cassette

Dropout:	100mm/135mm/142mm
Brake Type:	V/Disc Brake
Rated Voltage:	36V/48V
Rated Power:	500W
Max Speed:	48km/h
Max Torque:	78Nm
Efficiency:	≥ 80%
Weight:	6kg
Wheel Size:	20" -29"
Spoke Items:	36H-12G
Freewheel:	None / 6-7S / Cassette 8-10S
Noise Grade:	≤ 60DB
IP Grade:	IP54
Recommended battery:	12.8Ah-17.5Ah
Recommended controller:	36V/48V 25A

For Cruiser/Cargo/Light Off-road bikes

SR750D

helical gear



- Front
- Rear
- Cassette

Dropout:	100mm/135mm/142mm
Brake Type:	V/Disc brake
Rated Voltage:	36V/48V
Rated Power:	750W
Max Speed:	45km/h
Max Torque:	76Nm
Reduction Ratio:	1:5
Efficiency:	≥ 82%
Weight:	4kg
Wheel Size:	16" -29"
Spoke Items:	36H-12G
Freewheel:	None / 6-7S / Cassette 8-10S
Noise Grade:	≤ 55DB
IP Grade:	IP54
Recommended battery:	12.8Ah-17.5Ah
Recommended controller:	48V 25A

For Cruiser/Cargo/Light Off-road bikes

SR500V3D



- Front
- Rear
- Cassette

Dropout:	100mm/135mm/138mm
Brake Type:	V/Disc brake
Rated Voltage:	24V/36V/48V
Rated Power:	500W
Max Speed:	45km/h
Max Torque:	76Nm
Reduction Ratio:	1:5.3
Efficiency:	≥ 80%
Weight:	3.9kg
Wheel Size:	16" -29"
Spoke Items:	36H-12G
Freewheel:	None / 6-7S /Cassette 8-11S
Noise Grade:	≤ 55DB
IP Grade:	IP54
Recommended battery:	12.8Ah-17.5Ah
Recommended controller:	36V/48V 22A

SR750TDC

helical gear



- Cassette

Dropout:	100mm/135mm/138mm
Brake Type:	V/Disc brake
Rated Voltage:	36V/48V
Rated Power:	750W
Max Speed:	45km/h
Max Torque:	80Nm
Gear:	Helical gear
Reduction Ratio:	1:5
Efficiency:	≥ 82%
Weight:	4kg
Wheel Size:	20" -29"
Spoke Items:	36H-12G
Freewheel:	None/6-7S/Cassette 8-10S
Noise Grade:	≤ 55DB
IP Grade:	IP54
Recommended battery:	12.8Ah-17.5Ah
Recommended controller:	48V 25A

Speed/Medium Power Bicycles motors

SR30HD-1000W



- Front
- Rear
- Cassette

Dropout:	100mm/135mm/142mm
Brake Type:	V/Disc brake
Rated Voltage:	36V/48V/72V
Rated Power:	750W-1500W
Max Speed:	55km/h
Max Torque:	85Nm
Efficiency:	≥ 82%
Weight:	7kg
Wheel Size:	20" -29"
Spoke Items:	36H-12G
Freewheel:	None / 6-7S / Cassette 8-10S
Noise Grade:	≤ 60DB
IP Grade:	IP54
Recommended battery:	12.8Ah-17.5Ah
Recommended controller:	48V 30A

SR35HD-1500W



- Front
- Rear
- Cassette

Dropout:	100mm/135mm/142mm
Brake Type:	V/Disc brake
Rated Voltage:	36V/48V/72V
Rated Power:	1000W-2000W
Max Speed:	80km/h
Max Torque:	100Nm
Efficiency:	≥ 82%
Weight:	7.5kg
Wheel Size:	20" -29"
Spoke Items:	36H-12G
Freewheel:	None / 6-7S / Cassette 8-10S
Noise Grade:	≤ 60DB
IP Grade:	IP54
Recommended battery:	12.8Ah-17.5Ah
Recommended controller:	48V 40A

Super Power Bicycles Motors

SR45HDR-3000W



Rear

Dropout:	135mm/142mm/150mm
Brake Type:	Disc brake
Rated Voltage:	48V/60V/72V
Rated Power:	3000W
Max Speed:	100km/h
Max Torque:	140Nm
Efficiency:	≥ 82%
Weight:	9.5kg
Wheel Size:	20" -29" , 17" -21" motorcycle rim
Spoke Items:	36H-10G
Freewheel:	6S-7S
Noise Grade:	≤ 55DB
IP Grade:	IP54
Recommended battery:	30Ah-60Ah
Recommended controller:	72V 85A

SR50HDR-5000W



Rear

Dropout:	150mm
Brake Type:	Disc brake
Rated Voltage:	48V/60V/72V
Rated Power:	5000W
Max Speed:	100km/h
Max Torque:	160Nm
Efficiency:	≥ 82%
Weight:	9.5kg
Wheel Size:	20" -29" , 17" -21" motorcycle rim
Spoke Items:	36H-10G
Freewheel:	Single
Noise Grade:	≤ 55DB
IP Grade:	IP54
Recommended battery:	30Ah-60Ah
Recommended controller:	72V 100A

Super Power Bicycles Motors

QS205 50H

Rear



Dropout:	150mm
Brake Type:	Disc brake
Rated Voltage:	72V/96V
Rated Power:	3000W-5000W
Max Speed:	120km/h
Max Torque:	180Nm
Efficiency:	≥ 90%
Weight:	12.5kg
Wheel Size:	17" -21" motorcycle rim
Spoke Items:	36H-10G
Freewheel:	Single
Noise Grade:	≤ 55DB
IP Grade:	IP54
Recommended battery:	30Ah-80Ah
Recommended controller:	72V 100A

Fat Electric Bike Motors

SRFAT350D



- Front
- Rear
- Cassette

Dropout:	175mm/190mm
Brake Type:	Disc brake
Rated Voltage:	24V/36V/48V
Rated Power:	250W-350W
Max Speed:	40km/h
Max Torque:	36Nm
Reduction Ratio:	1:4.4
Efficiency:	≥ 80%
Weight:	3kg
Wheel Size:	20-26" fat rim
Spoke Items:	36H-12G/13G
Freewheel:	Single/7S
Noise Grade:	≤ 55DB
IP Grade:	IP54
Recommended battery:	10Ah-13Ah
Recommended controller:	36V/48V 14A/17A

SRFAT500D



- Front
- Rear
- Cassette

Dropout:	135mm/175mm/190mm
Brake Type:	Disc brake
Rated Voltage:	36V/48V
Rated Power:	500W-750W
Max Speed:	45km/h
Max Torque:	78Nm
Reduction Ratio:	1:5
Efficiency:	≥ 80%
Weight:	4.2kg
Wheel Size:	20-26" fat rim
Spoke Items:	36H-12G
Freewheel:	None/6-7S
Noise Grade:	≤ 55DB
IP Grade:	IP54
Recommended battery:	12.8Ah-17.5Ah
Recommended controller:	36V/48V 22A

Fat Electric Bike Motors

SRFAT1000D

helical gear



- Front
- Rear
- Cassette

Dropout:	135mm/175mm/190mm
Brake Type:	Disc brake
Rated Voltage:	36V/48V/60v
Rated Power:	350W-1300W
Max Speed:	45km/h
Max Torque:	90Nm
Reduction Ratio:	1:7.77
Efficiency:	≥ 80%
Weight:	3.8kg
Wheel Size:	20-26" fat rim
Spoke Items:	36H-12G
Freewheel:	7S
Noise Grade:	≤ 50DB
IP Grade:	IP54
Recommended battery:	12.8Ah-17.5Ah
Recommended controller:	48V 30A

SRFAT30HD



- Front
- Rear

Dropout:	135mm/175mm/190mm
Brake Type:	Disc brake
Rated Voltage:	36V/48V/72V
Rated Power:	750W-1500W
Max Speed:	55km/h
Max Torque:	85Nm
Efficiency:	≥ 82%
Weight:	7kg
Wheel Size:	20-26" fat rim
Spoke Items:	36H-12G
Freewheel:	None/6-7S
Noise Grade:	≤ 60DB
IP Grade:	IP54
Recommended battery:	12.8Ah-17.5Ah
Recommended controller:	48V 30A

Fat Electric Bike Motors

SRFAT45HD



Front
Rear

Dropout:	135mm/175mm/190mm
Brake Type:	Disc brake
Rated Voltage:	48V/60V/72V
Rated Power:	1500W-3000W
Max Speed:	100km/h
Max Torque:	140Nm
Efficiency:	≥ 82%
Weight:	9.5kg
Wheel Size:	20" -26" fat rim
Spoke Items:	36H-10G
Freewheel:	7S
Noise Grade:	≤ 55DB
IP Grade:	IP54
Recommended battery:	30Ah-60Ah
Recommended controller:	72V 80A

SRFAT50HD



Rear

Dropout:	175mm/190mm
Brake Type:	Disc brake
Rated Voltage:	48V/60V/72V
Rated Power:	3000W-5000W
Max Speed:	100km/h
Max Torque:	160Nm
Efficiency:	≥ 82%
Weight:	9.5kg
Wheel Size:	20" -26" fat rim
Spoke Items:	36H-10G
Freewheel:	7S
Noise Grade:	≤ 55DB
IP Grade:	IP54
Recommended battery:	30Ah-60Ah
Recommended controller:	72V 100A

MID DRIVE MOTOR

SR250MID



Position:	Central
Rated Voltage:	36V/48V
Rated Power:	250W-350W
Max Torque:	80Nm
Efficiency:	≥ 80%
Weight:	4.2kg
Wheel Size:	20-29"
Teeth Species:	38/44/52
Controller:	Inside
PAS Sensor:	Inside
Noise Grade:	≤ 50DB
IP Grade:	IP54
Recommended battery:	10Ah-17.5Ah
Recommended controller:	36V/48V 14A/17A

Displays

ECO TYPE



DZ40



EN06U

support USB



S866

support USB



KTLED810



KTLED900S

CLASSIC TYPE



KT LCD10

support USB



KT LCD3

support USB



KT LCD5



KT-LCD4



KT LCD9R



SR800H



SR800S



SW900 SERIES

support 72v

update to colorful screen



4"

81F

91F

HD screen

still clear under strong light

support USB

SUPERION TYPE



750C



860C

Multi-language

support USB



KT LCD8

support USB



KT LCD8HP

support USB



SRTM04C

Gorilla HD screen

customizable power LOGO

synchronize mobile phone navigation



TURBO

multi protocols

customizable auto light sensor



UKC1

72V adjustable

Throttles

Twist Throttles



Half Twist Throttles



Thumb Throttles



PAS



KT 8-Magnet



KT V12-Magnet Integrated

Double hall



SM8-Magnet



YL12-Magnet Integrated

Double hall

Iron/stainless steel Material

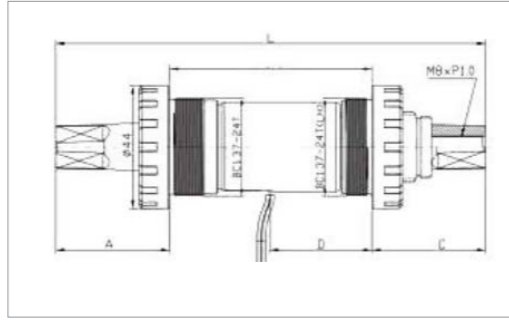
Copper nipple

10G / 12G / 13G



Spokes

Torque sensor



Input voltage :	4.5~5.5 V
Input power :	<0.15 W
Torque output range:	0.75~3.3 V
Speed signal pulse :	36 r
Speed signal duty cycle :	50%
Torque signal resolution :	35mV/N.m
Torque measuring range :	0.5~80 N.m
Design standard :	EN14764 / EN14766 / ISO13849
Bowl specification :	BS (C) 1.375*24
Protect grade :	EN60529 IP66
Working temperature :	-20~85 °C
Storage temperature :	-40~120°C

Bracket Width	68	73	73	84	100	120
L	145	145	155	166	144	197
A	38.5	33.5	41	41	36	36
C	38.5	38.5	41	41	41	41
D	36.5	36.5	36.5	47.5	36.5	36.5

Ebrakes



106PDD



47PDD



108PDD-4

Anti-skid design&lock



108PDD.A

Anti-skid design



hydraulic brake



Ebrake sensor

Waterproof cable

support customization



Controller special function optional

1. Alarm
2. Front and rear lights, turn signals brake light
3. ABS brake
4. Reverse speed setting
5. GPS
6. Horn

Batteries



Husha
36V 13.2AH, 48V11.6AH



Hailong
36V10.5AH 11.6AH, 48V13AH



Polly
36V11.6AH / 48V 13AH



Rack Battery
36V 10.4AH, 48V11.6AH,



Bottle Battery
36V10AH 36V15AH 48V10AH



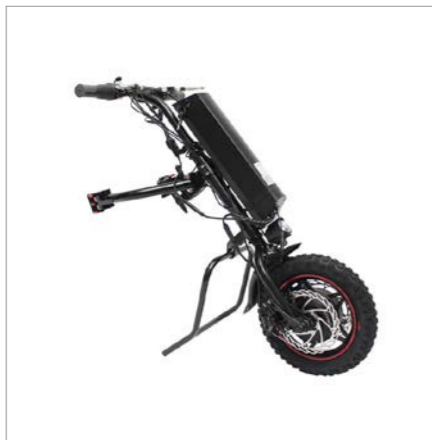
Simple packing Battery
36V 8.8AH, 72V30AH



Triangle battery
72V30AH

Other special use scenarios of motors

Motor parameters can refer to the motor display pages, and customization is also supported.



For E-Wheelchair



For Handcarts

Electric bicycles

20" Fat Tire Cargo Electric Bike



Motor:	500W Rear brushless gear motor
Battery:	48V10.4AH*2 Chinese cells. LG cells +\$35
Charger:	54V 2A battery charger; 7 hours charging time
Max Speed:	48 km/h
Max range:	60-80 km
Max torque:	80N.M
Max climbing gradient:	30°
Controller:	Lishui 48V controller
Use terrain:	Flat road
Frame :	Carbon steel T2; 170mm dropout size
Operating temperature:	-10 - 40°C
Tires:	Innova 20*4.0
Brake:	Logan Front and rear oil discs
Charging temperature:	0 - 40°C
Cetification:	UL/FCC/GCC
Seat height:	871-1038mm
Packing size:	Ebike: 1470x340x760mm; Blanket: 480*360*210mm
Packing weight:	50KG/7.2KG
Optioal color:	BLUE -GREY

Electric bicycles

20" Fat Tire Folding Electric Bike



Motor:	20 inch 48V 500W rear brushless gear motor / low speed motor
Battery:	48V13AH lithium battery domestic battery
Charger:	AC100V ~ 240V 2A MAX47 ~ 63Hz Charging time 5 ~ 7 hours
Speed:	45 ~ 48Km/h
Max range:	45 ~ 50Km pure electric 60 ~ 70Km pure assistant
PAS:	1:1 power assist 12-point speed sensor DZ40 meter 5-speed adjustable with waterproof line
Controller:	48V 25A 9 tube instrument control headlight switch
Frame 20" :	Foldable Aluminum Alloy Frame AL6061 Hydraulic Aluminum Alloy Front Fork
Tires:	Chaoyang 20×4.0 anti-skid tires
Front brake:	Tektro Mechanical disc brake disc 180, Wuxing brake lever
Rear brake:	Tektro Mechanical disc brake disc 180, Wuxing brake lever
Derailleur:	Shimano Outer seven-speed
Chain:	KMC 7-speed chain
Crankset:	Haomeng 52 teeth plastic shell double guard plate aluminum alloy
Seat:	JIASITE Thickened soft seat
Handlebar:	Yinglong Aluminum Alloy AL6061
Stem:	Aluminum Alloy Foldable AL6061
Pedal:	Vig Foldable pedals
Seat post:	Aluminum alloy 27.2 AL6061
Standard configuration:	With short fenders, headlights, half-turn handle, alarm
Package dimensions:	970×460×760 (folded package)
QTY in containers:	90pcs 20-foot containers, 204pcs 40-foot high containers
Colors:	Matte Black, Matte Grey, Matte Dark Green, Matte Rose Red

Off-road Electric Bike

3000w-5000w



Motor:	3000W/ 5000W rear brushless gearless motor
Battery:	72v 30AH Chinese Lithium battery (Continuous current is 80A, the peak is 100A)
Charger:	72V 3A battery charger; 8-9 hours charging time; manually selected voltage
Speed:	70-80 km/h
Max range:	75-90 km pure electric; 80-100 km pure assistant
PAS:	KT-V 12R 12 Magnetic double hall PAS
Controller:	72V controller; current limit 80A
Display:	SW900 LCD with waterproof cable.
Frame:	Carbon steel T2; 170mm dropout size
Tires:	INNOVA 19*1.85 mountain tire
Frame fork:	ZOOM 680DH
Brake:	Chinese 4 pistons
Derailleur:	SHIMANO 7 speed
Chain:	KMC 7-speed chains
Crankset:	Aluminium alloy 52 teeth double protection plate 170L prowheel
Seat:	Velo bicycle seat
Handlebar:	Aluminum alloy Bolting 31.8 AL6061
Stem:	Aluminum alloy Bolting 31.8 AL6061
Pedal:	Aluminum alloy wellgo pedal
Seat post:	Φ27.2; Aluminum alloy AL6061
Spoke :	Front & Rear 12G ED
Rim:	P39D double wall rims
Packing size:	1640x300x870 mm
Packing weight:	74KG
Optioal color:	White / Black

Off-road Electric Bike

8000w-12000w



Motor:	8000W/12000W Rear brushless gearless motor; 960R PM Rotation speed
Battery:	72v 49AH Chinese Lithium battery (Continuous current is 150A, the peak is 200A)
Charger:	72V 5A battery charger; 9-10 hours charging time; manually selected voltage
Speed:	100-120 km/h
Max range:	80-90 km pure electric; 85-95 km pure assistant
PAS:	KT-V 12R 12 Magnetic double hall PAS
Controller:	Sabvoton 72V controller; current limit 200A, Programmable Sine Wave.
Display:	SW900 LCD with waterproof cable.
Frame:	Carbon steel T2; 170mm dropout size
Frame fork / Rear Suspension:	KKE triple crown suspension fork (Range:180mm)
Tires:	80/100-19/21" Motorcycle mountain tire
Brake:	Tektro Hydraulic Brake HD-E500
Derailleur:	Single speed 16T
Chain:	KMC 7-speed chains
Crankset:	Aluminium alloy 52 teeth double protection plate 170L prowheel
Seat:	Velo bicycle seat
Handlebar:	Aluminum alloy Bolting 31.8 AL6061
Stem:	Aluminum alloy Bolting 31.8 AL6061
Pedal:	Aluminum alloy wellgo pedal
Seat post:	Φ27.2; Aluminum alloy AL6061
Spoke :	Front & Rear 10G ED
Rim:	S1.85x19/21 double wall rims
Packing size:	1640x300x870 mm
Packing weight:	85KG
Optioal color:	White / Black

ELECTRIC SURFBOARD

SREBOARD01



Surfboard Material:	ABS
Surfboard Size:	90*48*27CM
Buoyancy:	Positive buoyancy
Thrust :	15KGF
Gear:	4 gears
Carrying Weight:	< 100KG
Water Surface Speed:	Hydrostatic surface 5-15KM/H
Paddle Specification:	Trefoil full penetration diameter 18.5CM
Propeller:	1 pcs
Propeller Voltage:	DC36V
Propeller Speed:	6500 rpm
Propeller Power:	3200W
Propeller Material:	Aluminum alloy die casting
Battery Installation:	Quick insertion and removal of self-locking structure
Charging Method:	Contact type
Charger:	DC42V/2A
Battery Configuration:	12AH
Charging Time:	2-4H
Operating time:	30-60 minutes
Gross weight:	15KG
Net weight:	10KG
Packing Size:	93.5*28*51.5CM
Packing:	Carton+Pearl Cotton
Warranty:	1 year
Waterproof grade:	IP68

ELECTRIC SURFBOARD



ELECTRIC SURFBOARD

SREBOARD03



Material:	carbon fiber
Power:	12kw
Battery:	3.4kwh (63V 54A)
Runtime:	35-50 minutes
Speed :	45-58km/h
Charger time:	3.5H
Max load:	130kg
Warranty:	battery is 9months, power system 15 months
Products size/weight:	180*61*14cm/45kg
Package:	191*67*23cm/72kg