

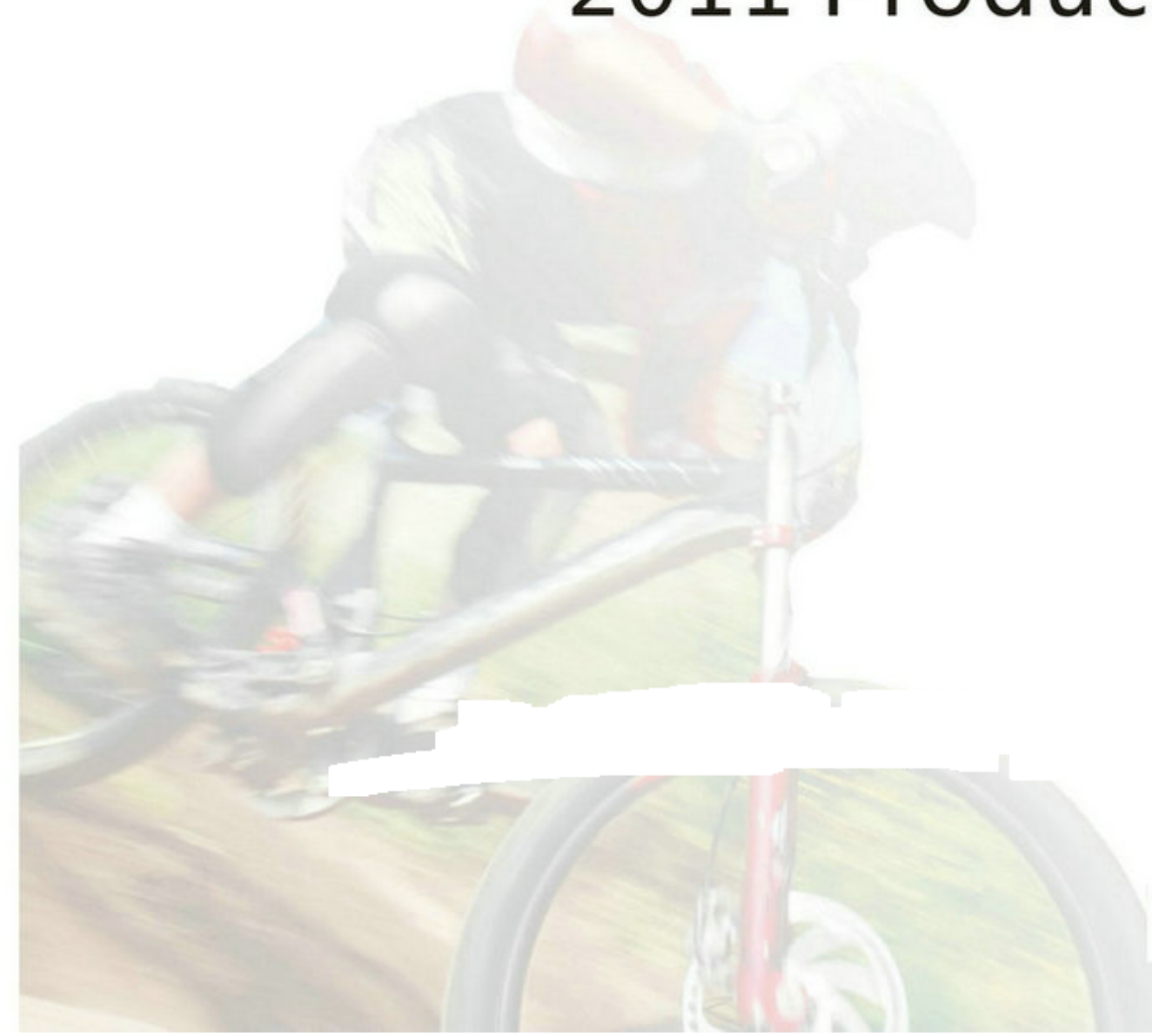
Company devote ourselves to the research and manufacturing of environment friendly e-bike's drive parts. Our newly developed super-mini motor, drive and control unified motor, li-ion battery with water bottle shape and efficient controller of e-bike's drive provide perfect solutions for e-bike field. All our products own complete independent intellectual property rights. We will continue to make contribution to the development of environment friendly e-bike field.



*break through technology
lead fashion*

Goldant

2011 Product Catalogue



The Newest Electric Parts For E-Bike



water-bottle shaped battery



two-in-one boosting
rate regulator



super mini motor



Sensor



Controller



Roller Motor

Our newly developed motor used on electric bicycle owns stronger power, smaller volume, lighter weight and less noise, which is more energy-efficient. Its peak efficiency has reached more than 84% .

the main parameters of Goldant hub motor

specification	98SWXR36	98SWXR33	98SWXR24
diameter (mm)	98		
width (mm)	80		
rated output power (W)	200		
maximum output power(W)	350		
rated voltage (V)	36	33	24
rated input current (A)	6.7	7.3	10.2
maximum power(%)	≥ 84	≥ 84	≥ 83
rated revolution(r/min)	160-260	160-260	160-260
weight (Kg)	1.4	1.4	1.4





Motor

Our newly developed motor used on electric bicycle owns stronger power, smaller volume, lighter weight and less noise, which is more energy-efficient. Its peak efficiency has reached more than 85%.

the main parameters of Goldant hub motor

specification	98SWX36	98SWX33	98SWX24
diameter (mm)	98		
width (mm)	100		
rated output power (W)	200		
maximum output power(W)	350		
rated voltage (V)	36	33	24
rated input current (A)	6.7	7.3	10.2
maximum power(%)	≥ 85	≥ 85	≥ 84
rated revolution(r/min)	160-260	160-260	160-260
weight (Kg)	1.7	1.7	1.7



Drive and control unified motor

Our newly developed super-mini motor for e-bike integrates efficient drive and control system, owns smaller volume, lighter weight, less noise and more energy-efficient. Its peak efficiency has reached more than 84%

the main parameters of Goldant hub motor

specification	98SWXC36	98SWXC33	98SWXC24
diameter (mm)	98		
width (mm)	100		
rated output power (W)	200		
maximum output power(W)	350		
rated voltage (V)	36	33	24
rated input current (A)	6.7	7.3	10.2
cut-off current (A)	8-12	8-13	10-15
static current (mA)	4	4	4
maximum power(%)	≥ 84	≥ 84	≥ 83
rated revolution(r/min)	160-260	160-260	160-260
weight (Kg)	1.5	1.5	1.5





Disc brake Motor

Our newly developed motor used on electric bicycle owns stronger power, smaller volume, lighter weight and less noise, which is more energy-efficient. Its peak efficiency has reached more than 85%.

the main parameters of Goldant hub motor

specification	98SWXD36	98SWXD33	98SWXD24
diameter (mm)	98		
width (mm)	100		
rated output power (W)	200		
maximum output power(W)	350		
rated voltage (V)	36	33	24
rated input current (A)	6.7	7.3	10.2
maximum power(%)	≥ 85	≥ 85	≥ 84
rated revolution(r/min)	160-260	160-260	160-260
weight (Kg)	1.7	1.7	1.7



Drive and control unified disc-brake motor

Our newly developed super-mini disc-brake motor for e-bike integrates efficient drive and control system, owns smaller volume, lighter weight, less noise and more energy-efficient. Its peak efficiency has reached more than 84%.

the main parameters of Goldant hub motor

specification	98SWXDC36	98SWXDC33	98SWXDC24
diameter (mm)	98		
width (mm)	100		
rated output power (W)	200		
maximum output power(W)	350		
rated voltage (V)	36	33	24
rated input current (A)	6.7	7.3	10.2
cut-off current (A)	8-12	8-13	10-15
static current (mA)	4	4	4
maximum power(%)	≥ 84	≥ 84	≥ 83
rated revolution(r/min)	160-260	160-260	160-260
weight (Kg)	1.5	1.5	1.5



the main parameters of Goldant li-ion battery with water bottle shape

specification	BI3306	BI3309	BI3312
average voltage (V)	33	33	33
rated capacity (Ah)	6	9	12
cycle life (times)	≥300	≥300	≥300
outer diameter (mm)	72	72	79
height (mm)	220	290	290
weight (kg)	1.2	1.6	2



Battery

Our newly developed li-ion battery with water bottle shape can provide 200 to 400 watts' strong power. There are all kinds of perfect protection functions being built in the battery. This battery has good appearance and can be easily fixed on the water bottle frame. The display of rest quantity of electricity makes you know the other miles you can go forward well.



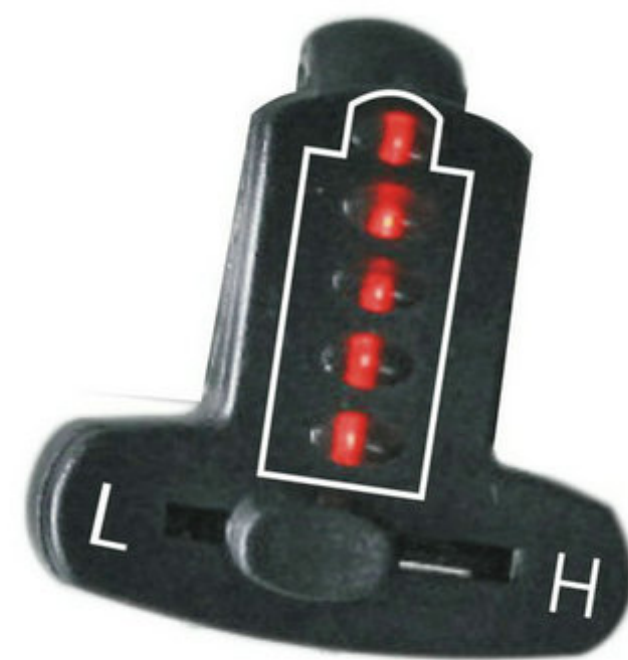
the main parameters of Goldant charge for li-ion battery

Specification	33LB3A	33LB2A
Input voltage (V)	AC100-240V/50-60Hz	
output voltage (V)	37.8	
output current (A)	3	2
Transfer power (%)	≥ 88	

Battery charger

We develop the charger especially for the li-ion battery used in the electric bicycle. It is applicable to all different voltages from AC100V to 240V. We adopt constant current and constant voltage to charge, both fast and slow charging are available. It's energy-efficient.





two-in-one boosting rate regulator

Original boosting rate regulator can steplessly regulate the boosting rate from 0 to 100% at will. In the meantime, it can simulatively display the dump energy of battery and make you control the continuation of the journey.



Controller

Our newly developed controller adopts the driving technique without hall, which is the most advanced technique. Our controller possesses small volume and good appearance, so it can be installed on any place of the frame. And all kinds of protection functions make the riding much more reassuring.

the main parameters of
Goldant controller in brushless motor

Specification	WZK24~36	WZK33
rated voltage (V)	36	33
cut-off current(A)	8-12	8-13
rated power (W)	250	250
maximum power (%)	≥95	≥96
static current (mA)	4	4
Dimensions (mm)	135x33x16	135x33x16
Weight (g)	60	60



Sensor

Our newly developed high-resolution sensor compares with the traditional one, having used 2 times of alnico, which makes the checking more comfortable, the volume smaller and reliability higher.

