



2020

PRODUCTS LINE



DOOHAN TECHNOLOGY

The pioneer of china creation

Doohan Technology is a high-tech enterprise speicalizing in new energy traveling vehicles and company of industrial transformation from motorcycles manufacturer with 20 years R&D and manufacturing experience to new energy smart vehicles. Doohan is innovator and leader of Dual-Front-Wheel Smart Vehicles in China.

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1200W Rated Power	115N.m Maximum Torque	12° Climbing Angle
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Customized Motor from BOSCH with FOC & CAN-BUS & EABS Technology.

Powerful energy with 18650 lithium battery

Battery(48V 20AH/26AH) is imported with original packaging from LG and Panasonic. Only 10.4KG weight and Max 70KM(25km/h) endurance range.



iTango

Alienation and aesthetic design.
Agility,safety and funs driving experience for you.



DDWT

Lightweight body structure. Agility and freedom driving.

Lightweight is trend of automobile industry, safety always is our mission, iTango use the upgraded DDWT-S technology that it is extending from the first generation of dual-front-wheel technology as developed by Doohan. The new suspension system keeps the safety distance of front track, increase the flexibility and reaction time after shorten the distance between up and down, iTango always freedom and safety driving on different road conditions.

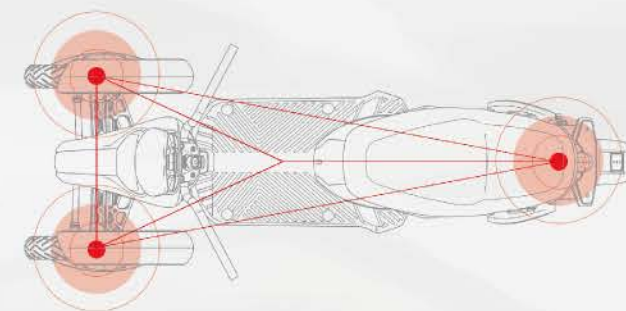
	160mm Maximum Drop Height		460mm Track Front
	30° Leaning Angle		≤34° Steering Angle



Golden triangle structure, Stable equilibrium and fantastic driving experience

1.8M 20km/h Braking distance	2.6M 35km/h Braking distance
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Three hydraulic disc brake, Shorten the braking distance.



Tail Light



LED Headlight



Start Button



Modern&Fashionable&Utility Design

You should have befitting distance between you and world. iTango is designed with geometric elements as its main body shape, simplified and balanced, to fully make the distance between you and young life nearer. Personality and balance has been fully embodied in the vehicles.

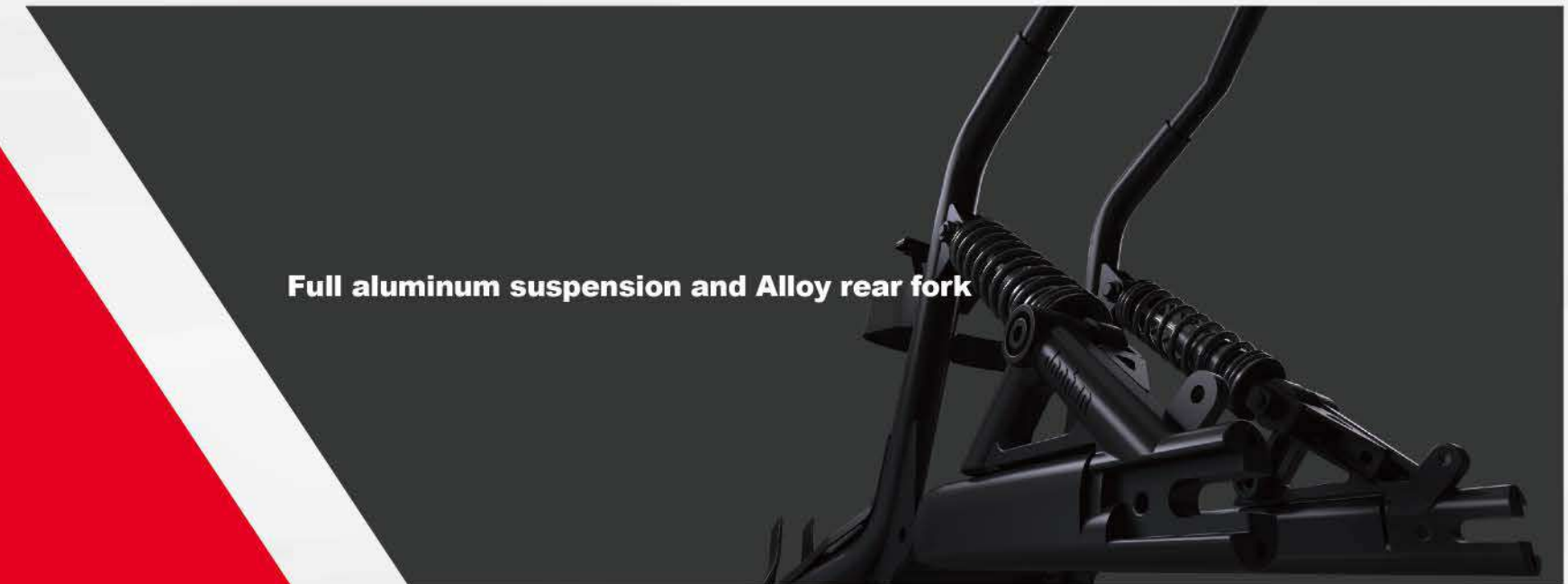


More safe and more fun

Roll-lock System. Surprise is always coming inadvertently, front wheels will be locked and stable standing as soon as pull the Roll-lock switch when you long stay of parking that Roll-lock system is independent research and development by Doohan. You don't need to release the side stand and flameout.



Full aluminum suspension and Alloy rear fork



iTank

The First Smart Scooter of Dual-Front-Wheel in China

Redefine the driving safety with unique DDWT Dual-Front-Wheel technology independent developed by Doohan.

DDWT

D-DWT is innovative technology and exclusive patents of Doohan.



183mm
Maximum Drop Height



460mm
Track Front



30°
Leaning Angle



≤32.5°
Steering Angle

Customized Motor from BOSCH

1852W Power, 120N.M Maximum Torque, 15° Climbing angle, 90% energy conversation rate.

Powerful energy with 18650 lithium battery

18650 battery is imported with original packaging from LG and Panasonic. Only 9KG weight and Max 70KM (25km/h, single battery) endurance range. Enjoying your fantastic travel.



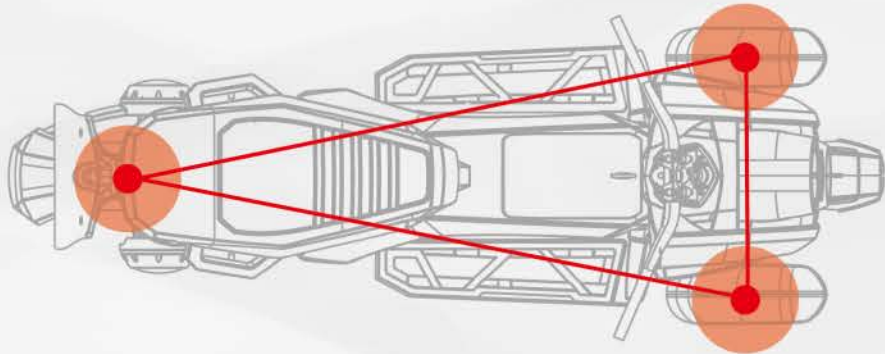
Three hydraulic disc brake, Shorten the braking distance.



The leaning and deflection Dual-Front-Wheel system is suitable for all road conditions

2M	3.5M
20km/h	35km/h
Braking distance	Braking distance

Golden triangle structure, Stable equilibrium and fantastic driving experience.



SAFETY & FUN & AGILITY

MORE SAFETY

MORE FUN

MORE AGILITY



iTango Technical Parameter

Dimension	1648*651*1110mm	
Wheelbase	1150mm	
Front track	460mm	
Rated voltage	48V	
Max loading weight	154kg	
Model	iTango Classic	iTango HO
Battery	48V20AH Lithium Battery	48V26AH Lithium Battery
Motor	1200W(Rated power)BOSCH Motor	1200W(Rated power)BOSCH Motor
Rim	Aluminum	Aluminum
Braking	Three Hydraumatic Disc Brake	Three Hydraumatic Disc Brake
Range	50km(25km/h)	50km(45km/h),70KM(25km/h)
speed	25km/h(Standard&Limited speed mode)	25km/h(Limited speed mode)
	45km/h(Optional)	45km/h(Max speed mode)
Color	Red, Black, White	Red, Black, White, Green, Blue
Intelligent system	No	D-master 2.0-Plus
Dashboard	LCD	LCD
Front Suspension system	DDWT-S	DDWT-S
Cruise Control	Y	Y
Keyless starting	Y (With Directional Lock)	Y (With Directional Lock)
Charge time/Quick Charge	5H/Y	5.5H/Y
Charge	3A	5A
Roll-Lock System	Y	Y
Front shock absorber	Sleeve, oil damping	Sleeve, oil damping
Rear shock absorber	Sleeve, oil damping	Sleeve, oil damping
Cushion Height	740mm	740mm
Max leaning angle	≤30°	≤30°
Maximum steering angle	≤34°	≤34°
Maximum drop height of front wheel	180mm	180mm
Battery weight	10KG	10KG
Battery protection system	Over discharge protection, short-circuit protection, temperature protection, overcharge protection, overcurrent protection, balance protection of battery	

iTank Technical Parameter

Items	Single Battery System	Dual-Batteries System(45km/h)	Dual-Batteries System(70km/h)
Size:L*W*H	1780mm*730mm*1030mm	1780mm*730mm*1030mm	1780mm*730mm*1030mm
Wheel Base	1250mm	1250mm	1250mm
Track Front	460mm	460mm	460mm
Curb Weight	99KG	108KG	108KG
Rated Voltage	60V	60V	60V
Maximum loading	160KG	160KG	160KG
Gradeability	≤25% (Loading:176 lbs)	≤25% (Loading:176 lbs)	≤25% (Loading:176 lbs)
Standard Power Consumption	1.7KW/H	1.7KW/H	1.7KW/H
Range	45KM(45km/h)	90KM(45km/h)	60KM(70km/h)
	70KM(25km/h)	140KM(25km/h)	
Top Speed	First Gear:25km/h Second Gear:45km/h	First Gear:25km/h Second Gear:45km/h	70km/h(Max speed)
	Dry Road:≤2m(20km/h) ≤3.5m (30km/h)	Dry Road:≤2m(20km/h) ≤3.5m (30km/h)	Dry Road:≤2m(20km/h) ≤3.5m (30km/h)
Braking Distance	Dry Road:≤3.5m(30km/h) ≤4m (30km/h)	Dry Road:≤3.5m(30km/h) ≤4m (30km/h)	Dry Road:≤3.5m(30km/h) ≤4m (30km/h)
Front Absorber	Sleeve.Oil Damping Type	Sleeve.OilDamping Type	Sleeve.OilDamping Type
Rear Absorber	Sleeve.Oil Damping Type	Sleeve.OilDamping Type	Sleeve.OilDamping Type
Front Tire	80/100-12*2	90/90-12*2	90/90-12*2
Rear Tire	120/70-12	120/70-12	120/70-12
Front Brake Model	160mm.Dual-piston Hydraumatic Disc Brake	160mm.Dual-piston Hydraumatic Disc Brake	160mm.Dual-piston Hydraumatic Disc Brake
Rear Brake Model	190mm.Dual-piston Hydraumatic Disc Brake	190mm.Dual-piston Hydraumatic Disc Brake	190mm.Dual-piston Hydraumatic Disc Brake
Minimum Ground Clearance	130mm	130mm	130mm
Seat Hight	750mm	750mm	750mm
Maximum Leaning Angle	≤30°	≤30°	≤30°
Maximum steering Angle	≤32.5°	≤32.5°	≤32.5°
Battery System			
Battery Type	18650 Ternary Lithium Battery	18650 Ternary Lithium Battery	18650 Ternary Lithium Battery
Voltage	60V	60V	60V
Battery Capacity	26AH	26AH*2	26AH*2
Standard Charge Current	4A	4A	4A
Maximum Discharge Current	75A	75A	75A
Standard Charging Time	6A~7A	6A~7A*2	6A~7A*2
Battery Weight	9KG	9KG*2	9KG*2
Charge&Discharge Times	600 times	600 times	600 times
Ambient Temperature Range,Battery Using	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C
Ambient Temperature Range,Battery Store	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C
Ambient Temperature Range,Battery Charging	0°C to 45°C	-20°C to 60°C	-20°C to 60°C
Battery Protection System	over discharge protection	over discharge protection	over discharge protection
	short-circuit protection	short-circuit protection	short-circuit protection
	temperature protection	temperature protection	temperature protection
	overcharge protection	overcharge protection	overcharge protection
	overcurrent protection	overcurrent protection	overcurrent protection
	balance protection of battery	balance protection of battery	balance protection of battery
Motor System			
Motor Type	BOSCH	BOSCH	QS/BOSCH
Rated Power	1490W	1490W	3000W