

e-revolutionary

introducing

iTank

The worlds first smart e-scooter with patented dual front wheel technology.

Safe, fun and agile with world leading 1852W motor from BOSCH. Powered by an 18650 lithium battery for long endurance range.

Try it – you'll love it!



leading the e-bike revolution
www.bisonebikes.com

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bison electric bikes

e-revolutionary

iTank

The iTank e-scooter is setting the pace for style, function, performance and all the fun you'll ever need.



SPECIFICATIONS	Single Battery System	Dual Battery System (45km/h)
Size: L*W*H	1780mm*730mm*1030mm	1780mm*730mm*1030mm
Wheel base	1250mm	1250mm
Track front	460mm	460mm
Curb weight	99kg	108kg
Rated Voltage	60V	60V
Maximum loading	160kg	160kg
Persons	2	2
Grade ability	≥25% (loading 80kg)	≥25% (loading 80kg)
Standard Power Consumption	1.7kW/h	1.7kW/h
Range (full speed) approx.	60km	80km
Max. Speed	First Gear: 25km/h Second Gear: 45km/h	First Gear: 25km/h Second Gear: 45km/h
Braking Distance	Dry Road: ≤2m(20km/h) ≤3.5m(30km/h) Wet Road: ≤3.5m(30km/h) ≤4m(30km/h)	Dry Road: ≤2m(20km/h) ≤3.5m(30km/h) Wet Road: ≤3.5m(30km/h) ≤4m(30km/h)
Front Absorber	Sleeve: Oil Damping Type	Sleeve: No oily
Rear Absorber	Sleeve: Oil Damping Type	Sleeve: No oily
Front Tyre	80/100-12*2	90/90-12*2
Rear Tyre	120/70-12	120/70-12
Front brake model	160mm, dual piston hydraulic disc brake	160mm, dual piston hydraulic disc brake
Rear brake model	190mm, dual piston hydraulic disc brake	190mm, dual piston hydraulic disc brake
Min. Ground clearance	130mm	130mm
Seat height	750mm	750mm
Maximum leaning angle	≤30°	≤30°
Maximum steering angle	≤34°	≤34°
Battery Type	18650 Ternary Lithium Battery	18650 Ternary Lithium Battery
Voltage	60V	60V
Battery Capacity	26AH	26AH*2
Standard Charge current	4A	4A
Maximum Discharge current	75A	75A
Standard charging time	6H-7H	6H-7H*2

SPECIFICATIONS	Single Battery System	Dual Battery System (45km/h)
Battery weight	9kg	9kg*2
Charge & discharge times	approx. 600 times	approx. 600 times
Ambient Temp Range Battery using	-20°C to 60°C	-20°C to 60°C
Ambient Temp Range Battery store	-20°C to 60°C	-20°C to 60°C
Ambient Temp Range Battery charging	0° to 45°C	0° to 45°C
Battery Protection System	Over discharge protection, short-circuit protection, temperature protection, overcharge protection, over current protection balance protection of battery	Over discharge protection, short-circuit protection, temperature protection, overcharge protection, over current protection balance protection of battery
Motor Type	BOSCH	BOSCH
Motor Controller	FOC Sine Wave Controller	FOC Sine Wave Controller
Max. Rotation Rate/Idling power / Efficiency	522 RPM/10W/6.7%	522 RPM/10W/6.7%
Rated power / Rotation rate / Efficiency	1541W/509rpm/88.1%	1541W/509rpm/88.1%
Max. Power/ Rotation Rate/ Efficiency	1852W/466rpm/88%	1852W/466rpm/88%
Max. Torque/ Rotation Rate/ Efficiency	128N-m/19rpm/13.7%	128N-m/19rpm/13.7%
Max. Recovered Energy	10%~15%	10%~15%
Max. Current Controller	35A	35A
Motor Energy Utilisation Rate	88.70%	88.70%

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