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## e-revolutionary

## iTank

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



| 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         1.7kW/h         1.7kW/h           Consumption         80km         80km           Range (full speed)         60km         80km           approx.         First Gear: 25km/h         Second Gear: 45km/h           Max. Speed         First Gear: 25km/h         Second Gear: 45km/h           Braking Distance         Dry Road: ≤2m(20km/h)         ≤3.5m(30km/h)           ≤3.5m(30km/h)         4m(30km/h)         Wet Road: ≤3.5m(30km/h)           ≤4m(30km/h)         4m(30km/h)         4m(30km/h)           ≤4m(30km/h)         53.5m(30km/h)         53.5m(30km/h)           Ear Absorber         Sleeve: Oil Damping Type         Sleeve: No oily           Front Tyre         80/100-12*2         90/90-12*2           Rear Tyre  | SPECIFICATIONS          | Single Battery System                 | Dual Battery System<br>(45km/h)       |
|---|-------------------------|---------------------------------------|---------------------------------------|
| 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         1.7kW/h         1.7kW/h           Consumption         1.7kW/h         1.7kW/h           Range (full speed)         60km         80km           approx.         60km         80km           Max. Speed         First Gear: 25km/h         Second Gear: 45km/h           Second Gear: 45km/h         Second Gear: 45km/h           Second Gear: 45km/h         Second Gear: 45km/h           Salsing Distance         Dry Road: ≤2m(20km/h)           Salsing Distance         Dry Road: ≤2m(20km/h)           Mer Road: ≤3.5m(30km/h)         ≤3.5m(30km/h)           Wet Road: ≤3.5m(30km/h)         ≤3.5m(30km/h)           Salsing Distance         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         <   | Size: L*W*H             | 1780mm*730mm*1030mm                   | 1780mm*730mm*1030mm                   |
| 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         1.7kW/h         1.7kW/h           Consumption         80km         approx.           Max. Speed         First Gear: 25km/h         Second Gear: 45km/h           Second Gear: 45km/h         Second Gear: 45km/h         Second Gear: 45km/h           Braking Distance         Dry Road: ≤2m(20km/h)         ≤3.5m(30km/h)         ≤3.5m(30km/h)           Wet Road: ≤3.5m(30km/h)         ≤3.5m(30km/h)         ≤3.5m(30km/h)         ≤4m(30km/h)           Wet Road: ≤3.5m(30km/h)         ≤4m(30km/h)         ≤4m(30km/h)         ≤4m(30km/h)           Rear 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           Min. Ground clearance         130mm         130mm <td>Wheel base</td> <td>1250mm</td> <td>1250mm</td>   | Wheel base              | 1250mm                                | 1250mm                                |
| Rated Voltage 60V 60V  Maximum loading 160kg 160kg  Persons 2 2  Grade ability ≥25% (loading 80kg) ≥25% (loading 80kg)  Standard Power 1.7kW/h 1.7kW/h  Consumption  Range (full speed) 60km 80km approx.  Max. Speed 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) yet Road:  | Track front             | 460mm                                 | 460mm                                 |
| Maximum loading     160kg     160kg       Persons     2     2       Grade ability     ≥25% (loading 80kg)     ≥25% (loading 80kg)       Standard Power     1.7kW/h     1.7kW/h       Consumption     1.7kW/h     1.7kW/h       Range (full speed) approx.     60km     80km       Max. Speed     First Gear: 25km/h Second Gear: 45km/h     Second Gear: 45km/h       Braking Distance     Dry Road: ≤2m(20km/h) s.3.5m(30km/h)     ≤3.5m(30km/h)       Braking Distance     Dry Road: ≤2m(20km/h) s.3.5m(30km/h)     ≤3.5m(30km/h)       Wet Road: ≤3.5m(30km/h) wet Road: ≤3.5m(30km/h)     ≤3.5m(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     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   | Curb weight             | 99kg                                  | 108kg                                 |
| Persons         2         2           Grade ability         ≥25% (loading 80kg)         ≥25% (loading 80kg)           Standard Power         1.7kW/h         1.7kW/h           Consumption         80km         approx.           Max. Speed         First Gear: 25km/h Second Gear: 45km/h Second Gear: 45km/h Second Gear: 45km/h         First Gear: 25km/h Second Gear: 45km/h Second Gear: 45km  | Rated Voltage           | 60V                                   | 60V                                   |
| Standard Power Consumption Range (full speed) approx.  Max. Speed  First Gear: 25km/h Second Gear: 45km/h | Maximum loading         | 160kg                                 | 160kg                                 |
| 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) Sa.5m(30km/h)       Dry Road: ≤2m(20km/h) Sa.5m(30km/h)         Wet Road: ≤3.5m(30km/h) Wet Road: ≤3.5m(30km/h) Sa.5m(30km/h)       Wet Road: ≤3.5m(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       Voltage       60V         Battery Capacity       26AH       26AH*2         Stand  | Persons                 | 2                                     | 2                                     |
| Consumption  Range (full speed) 60km 80km approx.  Max. Speed 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) (Wet Road: ≤3.5m | Grade ability           | ≥25% (loading 80kg)                   | ≥25% (loading 80kg)                   |
| approx.  Max. Speed  First Gear: 25km/h Second Gear: 45km/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) ≤4m(30km/h) Seeve: 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 120/70-12 120/70-12 120/70-12 Front brake model 160mm, dual piston hydraulic disc brake  Rear brake model 190mm, dual piston hydraulic disc brake  Min. Ground clearance 130mm 130mm  Seat height 750mm  Maximum leaning angle ≤30°  Maximum steering angle ≤34°  Battery Type 18650 Ternary Lithium Battery Voltage 60V  Battery Capacity 26AH  Maximum Discharge current  Pry Road: ≤25km/h Second Gear: 45km/h Second Selm(Sout) Seeve: No oily Seev |                         | 1.7kW/h                               | 1.7kW/h                               |
| Second Gear: 45km/h       Second Gear: 45km/h         Braking Distance       Dry Road: ≤2m(20km/h)       ≤3.5m(30km/h)         ×3.5m(30km/h)       ×3.5m(30km/h)       ×3.5m(30km/h)         ×4m(30km/h)       ×4m(30km/h)       ×4m(30km/h)         ×4m(30km/h)       ×4m(30km/h)       ×4m(30km/h)       ×4m(30km/h)         ×4m(30km/h)       ×4m(30km/h)       ×4m(30km/h)       ×4m(30km/h)       ×4m(30km/h)       ×4m(30km/h)       ×4m(30km/h) </td <td></td> <td>60km</td> <td>80km</td>   |                         | 60km                                  | 80km                                  |
| s3.5m(30km/h) Wet Road: s3.5m(30km/h)  y4m(30km/h) Sleeve: Oil Damping Type Sleeve: No oily  Rear 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 120/70-12 120/70-12 120/70-12 Front brake model 160mm, dual piston hydraulic disc brake Rear brake model 190mm, dual piston hydraulic disc brake Min. Ground clearance 130mm 130mm 130mm Seat height 750mm 750mm Maximum leaning angle s30° s30° Maximum steering angle s34° Sattery Type 18650 Ternary Lithium Battery Voltage 60V 60V Battery Capacity 26AH 26AH*2 Standard Charge current 4A Maximum Discharge current  Sleeve: No oily Met Road: s3.5m(30km/h) Wet Road: s3.5m(30km/h) Seeve: No oily Beve: | Max. Speed              |                                       |                                       |
| 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  Rear brake model 190mm, dual piston hydraulic disc brake  Rear brake model 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  Voltage 60V  Battery Capacity 26AH 26AH*2  Standard Charge current 4A  Maximum Discharge current  | Braking Distance        | ≤3.5m(30km/h) Wet Road: ≤3.5m(30km/h) | ≤3.5m(30km/h) Wet Road: ≤3.5m(30km/h) |
| 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         75A         75A   | Front Absorber          | Sleeve: Oil Damping Type              | Sleeve: No oily                       |
| Rear Tyre 120/70-12 120/70-12  Front brake model 160mm, dual piston hydraulic disc brake Rear brake model 190mm, dual piston hydraulic disc brake Rear brake model 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 Battery Capacity 26AH 26AH*2 Standard Charge current 4A 4A Maximum Discharge current   | Rear Absorber           | Sleeve: Oil Damping Type              | Sleeve: No oily                       |
| Front brake model 160mm, dual piston hydraulic disc brake  Rear brake model 190mm, dual piston hydraulic disc brake  Rear brake model 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 75A 75A  Tomm, dual piston hydraulic 160mm, dual piston hydraulic disc brake  1800mm, dual piston hydraulic 160mm, dual piston hydraulic disc brake   | Front Tyre              | 80/100-12*2                           | 90/90-12*2                            |
| disc brake  Rear brake model  190mm, dual piston hydraulic disc brake  Min. Ground clearance  130mm  130mm  750mm  750mm  Maximum leaning angle  ≤30°  ✓34°  Battery Type  18650 Ternary Lithium Battery  Voltage  60V  60V  Battery Capacity  26AH  26AH*2  Standard Charge current  4A  Maximum Discharge  current  disc brake  190mm, dual piston hydraulic disc brake  130mm  750mm  750mm  750mm  830°  ✓33°  ✓34°  8650 Ternary Lithium Battery  18650 Ternary Lithium Battery  18650 Ternary Lithium Battery  75A  75A   | Rear Tyre               | 120/70-12                             | 120/70-12                             |
| disc brake         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  | Front brake model       |                                       |                                       |
| 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  | Rear brake model        |                                       |                                       |
| Maximum leaning angle     ≤30°       Maximum steering angle     ≤34°       Battery Type     18650 Ternary Lithium Battery       Voltage     60V       Battery Capacity     26AH       Standard Charge current     4A       Maximum Discharge current     75A       75A     75A  | Min. Ground clearance   | 130mm                                 | 130mm                                 |
| 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  | Seat height             | 750mm                                 | 750mm                                 |
| 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 75A 75A  | Maximum leaning angle   | ≤30°                                  | ≤30°                                  |
| Voltage 60V 60V  Battery Capacity 26AH 26AH*2  Standard Charge current 4A 4A  Maximum Discharge 75A 75A  current  | Maximum steering angle  | ≤34°                                  | ≤34°                                  |
| Battery Capacity 26AH 26AH*2 Standard Charge current 4A 4A Maximum Discharge 75A 75A current  | Battery Type            | 18650 Ternary Lithium Battery         | 18650 Ternary Lithium Battery         |
| Standard Charge current 4A 4A  Maximum Discharge 75A 75A  current   | Voltage                 | 60V                                   | 60V                                   |
| Maximum Discharge 75A 75A current   | Battery Capacity        | 26AH                                  | 26AH*2                                |
| current   | Standard Charge current | 4A                                    | 4A                                    |
| Standard charging time 6H-7H 6H-7H*2  |                         | 75A                                   | 75A                                   |
|   | Standard charging time  | 6H-7H                                 | 6H-7H*2                               |

| SPECIFICATIONS                               | Single Battery System  | Dual Battery System<br>(45km/h)  |
|--|--|--|
| Battery weight                               | 9kg  | 9kg*2  |
| Charge & discharge times                     | approx. 600 times  | approx. 600 times  |
| Ambient Temp Range<br>Battery using          | -20°C to 60°C  | -20°C to 60°C  |
| Ambient Temp Range<br>Battery store          | -20°C to 60°C  | -20°C to 60°C  |
| Ambient Temp Range<br>Battery charging       | 0°to 45°C  | 0°to 45°C  |
| Battery Protection System                    | Over discharge protection,<br>short-circuit protection,<br>temperature protection,<br>overcharge protection, over<br>current protection balance<br>protection of battery | Over discharge protection,<br>short-circuit protection,<br>temperature protection,<br>overcharge protection, over<br>current protection balance<br>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<br>rate / Efficiency  | 1541W/509rpm/88.1%   | 1541W/509rpm/88.1%   |
| Max. Power/ Rotation<br>Rate/ Efficiency     | 1852W/466rpm/88%   | 1852W/466rpm/88%   |
| Max. Torque/ Rotation<br>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<br>Rate             | 88.70%   | 88.70%   |

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