The packing has to be kept since it contains important information.
The BMW logo and the BMW wordmark are trademarks of BMW AG and are used under License.
Licensee: RASTAR (HK) INDUSTRIAL COMPANY LIMITED
Manufacturer: XINGHUI BABY SUPPLIES CO., LTD.
Add: North Area, Zhaoan Industrial Park, Zhangzhou, Fujian, China.
Http://www.rastar.com
Frequency bands: 2400MHz to 2483.5MHz
Maximum Transmitting Power (EIRP) : Not more than 10mW.

WARNING:
CHOKING HAZARD-Small parts.
Not for children under 3 years.
ABOUT “RASTAR BABY” PRODUCT

Thank you for purchasing our products. We have devoted ourselves to creating comfortable and safe electronic remote control toys, and creating a colorful childhood for your children.

It is very important to read this instruction carefully before usage. This instruction not only specifies assembly process and proper application method, but also help you to avoid injury or damaging the product in case of incorrect operation.

XINGHUI BABY SUPPLIES CO., LTD. reserves the right of the final explanation to all the pictures and descriptions contained in this manual. The manual is subject to change without separate notice. Please contact your local distributor or directly consult us if you have any questions.

The product configuration functions include one-key startup, forward gear, stop, backward gear, safety brake, left turn light and right turn light, head light, rear brake light, sound and AUX socket. The instructions are applicable for the following model products:

<table>
<thead>
<tr>
<th>NO.</th>
<th>Style</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>87700</td>
<td>Solid color style Electric vehicle, BMW and motorcycle</td>
<td>Configured driving function Supported foot brake function</td>
</tr>
</tbody>
</table>
## SPECIFICATION

<table>
<thead>
<tr>
<th></th>
<th>Details</th>
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<tbody>
<tr>
<td>Size</td>
<td>(102x31x57)cm</td>
</tr>
<tr>
<td>For child</td>
<td>37 months old - 96 months old</td>
</tr>
<tr>
<td>Max. weight loaded</td>
<td>30kg</td>
</tr>
<tr>
<td>Net Weight</td>
<td>12.2kg</td>
</tr>
<tr>
<td>Power</td>
<td>Rechargeable</td>
</tr>
<tr>
<td>Speed</td>
<td>(0-4) km/hour (infinitely variable speed)</td>
</tr>
<tr>
<td>Battery</td>
<td>12V 7Ah lead-acid</td>
</tr>
<tr>
<td>Power supply</td>
<td>Input: AC100-240V 50Hz/60Hz Output: DC15V 1000mA</td>
</tr>
<tr>
<td>Charging period</td>
<td>Charged for (8-10)h/time Can be used more than 60 minutes</td>
</tr>
<tr>
<td>Rechargeable times</td>
<td>More than 300</td>
</tr>
<tr>
<td>For temperature</td>
<td>(5-35) Celsius degree</td>
</tr>
<tr>
<td>Power of Motor</td>
<td>DC12V 25W</td>
</tr>
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</table>

## PARTS

<table>
<thead>
<tr>
<th>NO.</th>
<th>Desc</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rear license plate</td>
<td>1 Piece</td>
</tr>
<tr>
<td>2</td>
<td>Battery</td>
<td>1 Piece</td>
</tr>
<tr>
<td>3</td>
<td>Charger</td>
<td>1 Piece</td>
</tr>
<tr>
<td>4</td>
<td>M4 screw</td>
<td>6 Piece</td>
</tr>
<tr>
<td>5</td>
<td>Left handlebar set</td>
<td>1 Piece</td>
</tr>
<tr>
<td>6</td>
<td>Right handlebar set</td>
<td>1 Piece</td>
</tr>
<tr>
<td>7</td>
<td>Left and right rearview mirrors</td>
<td>1 set</td>
</tr>
<tr>
<td>8</td>
<td>Left and right rearview mirrors</td>
<td>1 set</td>
</tr>
<tr>
<td>9</td>
<td>Key</td>
<td>2 sets</td>
</tr>
<tr>
<td>10</td>
<td>Balanced wheel set</td>
<td>1 set</td>
</tr>
<tr>
<td>11</td>
<td>Left and right pedals</td>
<td>1 set</td>
</tr>
<tr>
<td>12</td>
<td>Vehicle body</td>
<td>1 Piece</td>
</tr>
<tr>
<td>13</td>
<td>Instructions</td>
<td>1 volume</td>
</tr>
<tr>
<td>14</td>
<td>Lubricating oil</td>
<td>1 bottle</td>
</tr>
<tr>
<td>15</td>
<td>M5 screw</td>
<td>3 Pieces</td>
</tr>
<tr>
<td>16</td>
<td>M6 screw and nut</td>
<td>2 sets</td>
</tr>
<tr>
<td>17</td>
<td>AUX line</td>
<td>1 bar</td>
</tr>
</tbody>
</table>
The serial number of all spare parts showed as “(NO.)” in the following descriptions.

If the quantity and shape of some spare parts in this manual are different from that of products you buy, it might be because some parts of the car you buy already have been installed or because we reduce setup steps and quantities of spare parts for making the installing easier. Please check and review.
1. **Installment of the left and right pedals**
   - The equipped left and right pedals (accessory 11) are installed and tightly plugged along the card slot (as shown in the Figure 1) to the designated position (as shown in Figure 2) of body pedal (as shown in Figure 1).

2. **Installation of balanced wheel set at the bottom**
   - The configured balanced wheel set at the bottom (accessory 10) is aligned with the screw hole (as shown in the figure 2) and the configured screws (accessory 15 (M5x37.5 half-tooth polar screw)) / (accessory 4 (M4x12PB)) are taken for successive locking (as shown in the figure 2).

3. **Installation of left and right handlebar sets**
   - The wire plug (as shown in the figure 3-1) at the end of handlebar bibcock (as shown in the figure 4) is taken in the body and is jointed with female connector and male connector of the handlebar (accessory 6). And then the wire and connectors are taken back handlebar bibcock tube and plugged back wire plug (as shown in the figure 3-2). After that, the handlebar is installed on the bibcock and aligned with screw hole (as shown in the figure 5). Finally, the screw is put and the nut is equipped for locking (as shown in the figure 3).
   - Left assembly: The left assembly method is similar with that in the right. Refer to the figure shown and conduct installation (as shown in the figure 4).
4. Installation of windscreen
- The configured windscreen (accessory 8) is taken and the screw hole (as shown in the figure 8) under it is aligned with two screws of vehicle head, and then configured screw (accessory 4(M4x12PB)) is applied for successive locking (as shown in the figure 5).

5. Battery and power installation
- The skewed slot behind the seat (as shown in the figure 9) is set as left and right turning. At that time, the seat cover is taken to see the configured battery (as shown in the figure 6).
- The configured connecting wire in the battery slot is taken to connect two pairs of male connector and female connector (as shown in the figure 6). The battery socket shall be noted that the red wire corresponds with red wire and the black wire corresponds with black wire, without false connection, otherwise, the short circuit may be caused. After connecting the wire, the seat can be installed back.

6. Installation of rear license plate cover
- The designated button in the rear is aligned (as shown in the figure 10) for pressing. At the same time, the configured rear license plate cover (accessory 1) is taken and tightly plugged upwards along the rear card slot and then rear button is loosened (as shown in the figure 10).

7. Installation of left and right rearview mirrors
- The left and right rearview mirrors (accessory 7) are taken and the rearview mirror handspike is aligned with the designated position (as shown in the figure 11) and tightly plugged along the slot (as shown in the figure 8). (The installation method of left rearview mirror is similar with that of the right rearview mirror)

8. Assembly completion
- Notes: When the vehicle is assembled or disassembled, note installation order of accessories and keep accessories in good condition.
1. Notes to battery replacement

- The seat cover is disassembled. The male connector and female connector are pulled out and then two-end wires are untied in the positive and negative electrodes of the battery. The screwdriver is applied to remove screw (M4X12 screw) of the battery casting component. After that, the battery casting component (3) is taken and then battery is taken for replacement (as shown in the figure 9).

**NOTES**

- The battery with the same or equivalent type as or with the recommended can be used.
- The adult shall monitor the replacement of the battery.
- The battery shall be placed according to the correct polarity and the short circuit of the power supply terminal shall be avoided.
- In case of long-term non-use, please take out the battery to avoid leakage and corrosion; when the battery is lacking of electricity, it shall be taken out of the car body.

**OVERCURRENT PROTECTOR**

- The battery is equipped with self-recovery fuse (over-current protector). In case of any overload and improper use, when the motor is closed, the fuse will automatically disconnect power for about 10 - 20 seconds, and close key switch. After removing fault and waiting for 10 seconds, the fuse will make self-recovery.

- The over-current protector is installed under the seat tail and can be seen after the seat is taken when turning the skewed slot in the tail position.
NORMAL OPERATION

- Charging socket is under the filler cap. Open the filler cap and insert the plug of charger, then connect the charger with power.
- Every one hour’s running needs 10 to 15 hours’ charging. Every single charging can not over 24 hours.
- Both charger and storage batteries will occur mildly warm during charging.
- Do not use mal-functioned adapter or storage battery unless they are repaired.
- This manual has to be kept since it contains important information.
- Charger and storage batteries are not considered as toys.
- Please make periodical inspection for storage battery, especially for adapter wires and plugs.
- Please turn off the switch when the ride-on is not in use. Please make full charging after long-term suspended.
- ONLY use the charger supplied by Rastar or Rastar Baby.

STORAGE BATTERY MAINTENANCE

- Please charge 20 to 24 hours before first time use.
- Please use the suitable adapter to charge storage battery, otherwise the ride-on will be damaged.
- Please charge the car once the speed is slower than normal, otherwise it will decrease storage battery life.
- Please fully charge the battery before you put your ride-on away, and remember to recharge the battery every 30 days. This will ensure the normal use of the battery, otherwise, the battery can not be charged.
OPERATION FUNCTION

- **Horn**
- **AUX**
- **Right headlight**
- **Power switch**
- **Safety switch**
- **Lamplight**
- **Steering**
- **Volume up/down**
- **Brake**
- **One-key startup**
- **Forward/Stop/Back**
- **Horn**
- **Charging port**
- **Throttle**
- **Left headlight**
- **Right turn light**
- **Brake light**
- **Switch lock sign**
- **Left turn light**
### OPERATION FUNCTION

#### VEHICLE FUNCTION

**Vehicle startup:** When the key is inserted into key hole for twisting, the instrument panel is on and then next key, namely startup key, is pressed. At the same time, all the functions in the whole vehicle are started and the low-beam light is on.

**Vehicle driving forwards:** Under the startup state, press forward gear function. Press and hold handlebar switch with the left hand and twist handlebar throttle (red button) with the right hand at the same time, for making the vehicle slowly drive forwards.

**Horn:** Under the startup state, press horn key, for indicating that the horn sound will ring immediately.

**Vehicle driving backwards:** Under the startup state, press backward gear function. Press and hold handlebar switch with the left hand and twist handlebar throttle (red button) with the right hand at the same time, for making the vehicle slowly drive backwards.

**Lighting:** Under the startup state, press lighting key, therein, the first-time pressing indicates that the low-beam light is started; the second-time pressing indicates that the low-beam and high-beam light are started simultaneously; the third-time pressing indicates that the lighting effect is cancelled.

**Vehicle driving forwards:** Under the startup state, press forward gear function. Press and hold handlebar switch with the left hand and twist handlebar throttle (red button) with the right hand at the same time, for making the vehicle slowly drive forwards.

**Stop:** The center console switch is adjusted to stop gear for stopping vehicle. In case of emergency brake in the process of driving, the right pedal can be directly depressed for starting the brake function and the vehicle will be stopped safely with the sound of brake.

**AUX:** The instrument panel is equipped with AUX for supporting external equipment to play songs.

**Left turning:** In the process of driving forwards, the handlebar can be turned towards left side, for realizing left turning.

**Right turning:** In the process of driving forwards, the handlebar can be turned towards right side, for realizing right turning.

**Turn light:** Under the startup state, press turn key, therein, the first-time pressing indicates that the left turn light is on; the second-time pressing indicates that the right turn light is on; the third-time pressing indicates that the emergency flasher is on; the four-time pressing indicates that the turn light effect is off.

**Volume size:** Slide volume size key, for indicating that the volume size can be adjusted.

**WARNING**

To avoid children to be frightened due to sudden driving forwards and backwards after startup, the safety handlebar switch must be pressed and held with the left hand when the vehicle is driven forwards and backwards and the throttle must be slowly twisted.

#### MAIN BOARD REPLACEMENT

- The cover plate under the seat back as shown in the figure is set to replace mainboard accessories. In case of any accessory replacement, unscrew screw in the position referred by the arrow in the figure and open cover plate and then see the mainboard. (as shown in the figure 13)

The safety precautions describe how to use this product happily and safely for children. Please carefully read the following safety precautions.

- For the battery charging, the adult must conduct operation rather than children.
- The vehicle must be driven under the supervision, management and guidance of adult.
**WARNING**

Please read carefully since it contains important information.
- Children are not allowed to operate charging. It should be operated by adult.
- Ride-on operation should be under adults’ supervision.
- This product should be assembled by adult; or checked by adult to make sure proper assembly.
- It is prohibited to run this ride-on in public streets, roads, slope, near swimming pool, or any other dangerous area.
- This ride-on can not be overloaded. The maximum loading capacity is 30 kilograms.
- This ride-on is for children age between 37months old - 96months old.
- Some accessories of ride-on may be damaged by improper operation.
- Do not suddenly use forward-reverse switch during running. It can only be used when the ride-on is stopped.
- Swab ride-on with cloth. Do not flush the ride-on with water in case damage.
- Charger is not considered as toy. Please put it away after charging.
- This product is made of plastics. Please keep it away from fire.
- Re-start of the motor may occur sparkles. It is prohibited to run in flammable and explosive area such as gas station.
- Do not let children touch wheels in case being trapped or crushed. Please keep other children away from the ride-on during running.
- Flat ground is good for ride-on running. Please avoid running on sand or any other rough ground.
- The package of ride-on is not toy for children.
- Adults are required to read this instruction carefully and give correct guideline to children before playing.
- Please guide children how to start and relax the pedal, how to handle malfunctions and how to stop ride-on.
- The antenna and wire are not to be inserted into socket-outlets.

⚠️ **Cautions!**

When the battery is replaced, the dangers of breakage, fever and liquid leakage will occur. Therefore, please notice the following matters:

- The battery must be replaced by the adults.
- This toy car may be confronted with the falling of small parts during the use and hence, it is not suitable for the children aged less than 36 months to use it.
**CARE AND MAINTENANCE**

- Please do not play until it is fixed perfectly if there is any damaged.
- Please check and maintain the car in regular time for keeping your child safe.
- Please periodically check and make sure there are no screws loosening and spare parts damaged.
- Before installing and using the car, please check all spare parts carefully.
- For avoiding unnecessary damages, please read this instruction in detail before assembly and disassembly.

**MALFUNCTION SHOOTING GUIDE**

<table>
<thead>
<tr>
<th>Malfunction</th>
<th>Analysis</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car is not running</td>
<td>- Storage battery connectors are not well connected&lt;br&gt;- Gear shift is in the wrong place&lt;br&gt;- Car is over-loaded&lt;br&gt;- Main body circuit is damaged</td>
<td>- Reconnect&lt;br&gt;- Gear shift should be in the forward or backward position&lt;br&gt;- Reduce loaded weight to under 30KGS&lt;br&gt;- Please ask after-sale service for help</td>
</tr>
<tr>
<td>Car runs in low speed</td>
<td>- Storage battery power is low&lt;br&gt;- Ground is uneven</td>
<td>- Fully charge battery&lt;br&gt;- Choose an even place</td>
</tr>
<tr>
<td>Battery cannot be charged</td>
<td>- Battery connectors are not well connected&lt;br&gt;- Charger is not charged with electricity&lt;br&gt;- Charger is broken</td>
<td>- Reconnect&lt;br&gt;- Reconnect&lt;br&gt;- Replace charger</td>
</tr>
<tr>
<td>Car cannot stop</td>
<td>- Car is damaged</td>
<td>- Please ask after-sale service for help</td>
</tr>
<tr>
<td>Continue range is short</td>
<td>- Battery is not fully charged&lt;br&gt;- Battery is over used</td>
<td>- Re-charge&lt;br&gt;- Replace battery</td>
</tr>
<tr>
<td>Faint sound and heat occurs when charging battery</td>
<td>- Chemical reaction</td>
<td>- Normal reaction</td>
</tr>
<tr>
<td>Gear box is noisy</td>
<td>- Gear is broken</td>
<td>- Please ask after-sale service for help</td>
</tr>
<tr>
<td>Power led is off</td>
<td>- Car power switch is off&lt;br&gt;- Battery is power-off</td>
<td>- Turn on the power switch&lt;br&gt;- Charge the battery</td>
</tr>
<tr>
<td>Charger led is off</td>
<td>- Charger is broken</td>
<td>- Please ask after-sale service for help</td>
</tr>
</tbody>
</table>
Remarks: This circuit diagram shall be only for reference. In case of any difference with the real object, the real object shall prevail!
MAINTENANCE

- This product comes with maintenance service.
- Maintenance fee is required for product malfunction caused by improper operation or man-made factor, or if it has exceeded guarantee.
- Maintenance service can be provided by the seller and us. Invoice, maintenance record and malfunctioning product/part(s) will be required.

<table>
<thead>
<tr>
<th>Date</th>
<th>Details</th>
<th>Result</th>
<th>Remark</th>
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<tbody>
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</table>

**MAINTENANCE RECORD**

Customer Name: ____________________  Tel: ____________________
Address: ____________________  Item NO.: ____________________
Invoice NO.: ____________________

__________________________________________  13