

## Product quality inspection report

Product name: Freefeet self-balancing scooter

Model: FF2-01

Type: Off-road

Inspection date: 2014-03-16

Inspection Result: ☒ Qualified ☐ Unqualified

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Approved by	<i>Lorin Xia</i>

## Part One: Inspection catalog

### 1.0. Appearance

#### 1.1. Appearance of product

#### 1.2. Appearance of Package

#### 1.3. Accessories

### 2.0. Parameter test

#### 2.1. Dimension

#### 2.2. Load capacity

#### 2.3. Voltage power

#### 2.4. Other parameters

### 3.0. Functions

#### 3.1. Power on/power off

#### 3.2. Moving forward

#### 3.3. Halt/reversing

#### 3.4. Cycling around at original place

#### 3.5. Turning while steering

#### 3.6. Steering at night

## Part two: Quality inspection requirements

No.	Inspected items	Inspection criterion	Inspection results	Inspector	Items judgments
1.0	Appearance	Appearance inspection		Raobo Xu	qualified
1.1	Appearance of product	(1)No obvious scratch and crack on the surface; (2)No corrugate and break on the painting (3)No color aberration and mottle (4)No deformed turning pipe and casing (5)No deviation for switch, indicator and socket (6)The words and warning label must be clear and correct	Must be uniformed with quality criterion		OK
1.2	Appearance of package	(1)Package must be clear, tidy, no break and other flaws; (2)Symbol and label must be clear (3)Dimension and size must be clearly printed	Must be uniformed with package criterion.		OK
1.3	Accessories	(1) User manual, certificates and warranty card must be completed and clearly printed (2) No dirt and break on the surface of accessories.	Must be uniformed with the accessories criterion		OK
2.0	Parameter test	Technical parameter tests		Raobo Xu	qualified
2.1	Dimension	(1)Dimension(cm):48*60*88 (2)Wheel:48cm(Aluminum Alloy Rim) (3)Tire:19inVaccum (4)Specification of pedal(160*340*125cm) (5)Height of handle: 70~102cm(adjustable )	The practical measurement is corresponding to the criterion		OK
2.2	Load capacity	(1)Net weight:56kg (2)Maximum load:120kg	The practical measurement		OK

			is corresponding to the criterion		
2.3	Power supply	(1)Power:100~240V (2)Battery:Pb, 36V, 42Ah (3)Maximum power:2000W(2*1000w/pc) (4)Tire standard pressure(kpa):250	Must be corresponding with design criterion		OK
2.4	Other parameters	(1)Min Turning Radius:0 (2)Max cruising speed:20km/h (3)Max climb capability:30 degrees (4)Max Mileage(After full charging):30~35km (5)Charging time:6~8H	Must be corresponding with design criterion		OK
3.0	Functions	Functional test		Raobo Xu	qualified
3.1	Power on/power off	Enable to turn on/off the power normally	Restart the power ten times, everything is OK		OK
3.2	Moving forward	Leaning forward slowly leads to the scooter moving forward, the driving speed is base on the angle of leaning	Have half an hour trial, everything is OK		OK
3.3	Halt/reversing	Leaning body backward or squat, leads to the scooter losing speed till halt; the scooter will keep reversing if no one adjust the center of gravity.	Have half an hour trial, everything is OK		OK
3.4	Cycling around at original place	Pivot the turning pipe to left or right,body should be aligned with turning pipe, then you can achieve cycling around at original place	Have half an hour trial, everything is OK		OK
3.5	Turning while steering	While steering forward, pivot the turning pipe to the right or left, and keep body aligned with turning pipe,then the	Have half an hour trial, everything is OK		OK

		scooter will be turning right or left. The turning scope is base on driving speed, a fast speed may lead to a small turning, and vice versa.			
3.6	Steering at night	The scooter has night lighting function, which enables driving at night	Have half an hour trial, everything is OK		OK

**Inspection institution:** ShenZhen Freefeet Technology Co.,Ltd

**Inspection location:** F/8,63 Building, Majialong Industrial Estate,Daxin Road #88,  
Shenzhen City

**Inspector:** Raobo Xu

**Company's stamp:** Freefeet Technology Co.,Ltd