

**MONEUAL®**



BETTER HOME. **BETTER LIFE.**

**MONEUAL ME590**

# Contents

## Robot vacuum cleaner ME590



- I. Features
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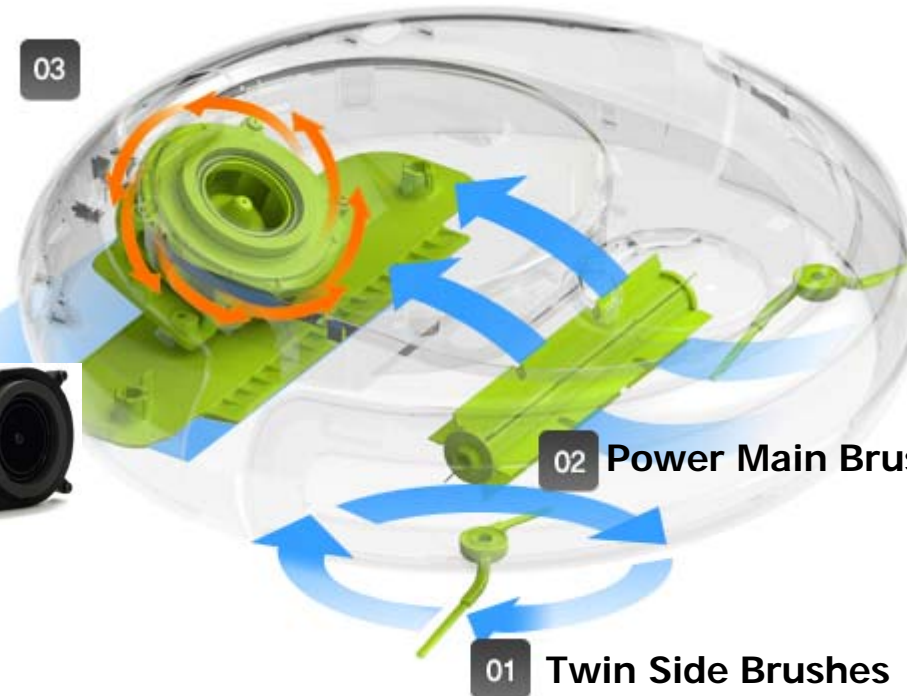
# 1. Features (1/4)

## 3 in 1 Cleaning System

### BLDC Suction Motor

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- Maximized cleaning capability is maximized through use of the powerful BLDC suction motor
- 20~30% stronger output than that of a regular DC motor of the same class
- Lifetime 5,000 hours, 10 times longer than that of a typical DC motor



### 02 Power Main Brush

- Air-compressing rubber brush which Fitted with rubber brush, Rubber brush is easy to maintain unlike hair-tangling "hair-brush" type brushes
- Cleans large chunks what are difficult with vacuuming alone

### 01 Twin Side Brushes

- Twin side brushes attached to each side
- Clean thoroughly in all nooks and corners



# 1. Features (2/4)

## World's 1<sup>st</sup> SHADOW Cleaning Mode



### Cleaning underneath furniture

- Reliable cleaning underneath furniture
- Stops annoying bending down



## User Customized Cleaning Mode



Moneual ME590 provides the most effective cleaning function and performance for a variety of cleaning environments through the best usable cleaning modes.

**Automatic Cleaning**



**Focused Cleaning**



# 1. Features (3/4)

## Smart Sensor System



- Various alarm and collision prevention sensors detect obstacles before accidents can occur
- Keeps furniture and wallpaper safe from dings or marks
- Cliff sensor, floor sensor, dust-bin sensor and various overload sensors will give you safety and comfort



# 1. Features (4/4)

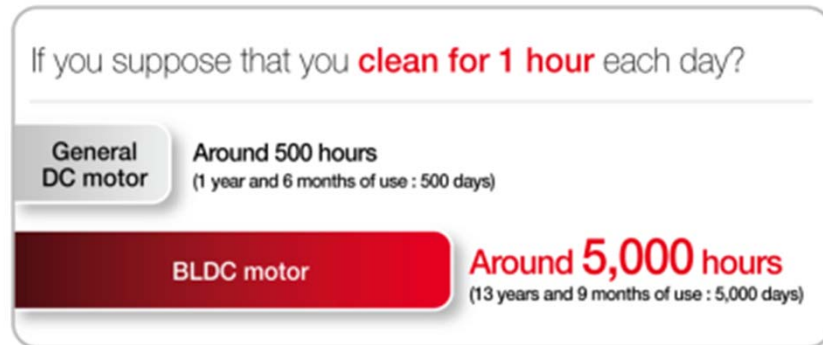
## Lifetime

Moneual ME590 robot cleaner is using the **BLDC motor** and **LiFePO4 battery** for better performance and longer life-span

### Powerful, Long lasting BLDC Motor



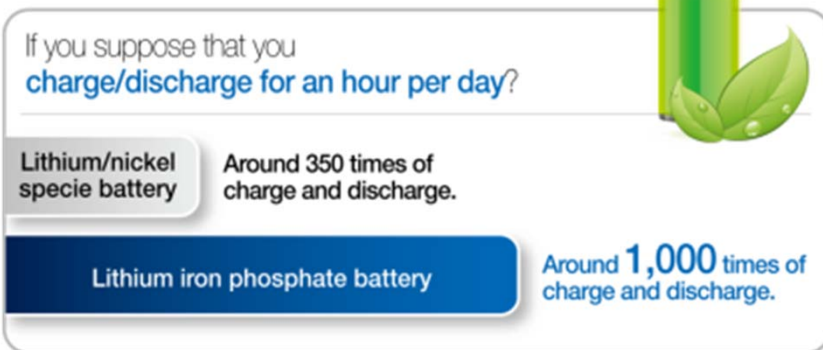
- Carbon-free DC motor
- Ten times longer life span
- Lifetime of 5,000hours








### Safe, Long lasting LiFePO4 Battery



- Does not contain acid or heavy metal
- Resistent against high temperature
- Three times better re-charge rate than lithium-ion or Ni-Cd batteries



## 2. Specifications

<b>Design</b>	Size(mm)	347(Diameter) x 82(High)	Weight(kg)	2.7
<b>Operating Condition</b>	Power Supply	20W (Main Body)	Sound Level	< 68 dB
	Charging Time	Around 60 Min		
	Operating Time	Normal Mode: Around 60 Min, Turbo Mode: Around 40Min.		
<b>Driving Performance</b>	Obstacle Detection	IR Sensor / Bumper Sensor	Door Sill Height	Max. 1cm
	Highest Speed	Cleaning Mode: 25cm/sec, Moving g Mode: 20cm/sec		
<b>Cleaning Performance</b>	Cleaning Mode	Vacuum + Brush	Suction Pan Motor	BLDC Motor
	Brush	Main Brush (1ea) / Side Brush (2ea)		
	Cleaning Mode	Automatic / Focused / Shadow Cleaning		
	Dust Bin Capacity	0.6 L	Exhaust Filter	Multi-layer Filter
<b>Battery</b>	Type	Lithium Iron Phosphate LiFePO4)	Life	1,000 times of recharging
	Capacity	Battery Support : 1,400mA		
<b>Convenience and Safety</b>	Adjusting Suction	Second Level (Standard / Turbo)	Charging	Manual
	Voice Guidance	<input type="radio"/> 	Fall Prevention Detection	<input type="radio"/> 
	Lift Detection	<input type="radio"/> 	Sensor Contact Detection	<input type="radio"/> 
	Battery Overcharge Detection	<input type="radio"/> 		

## 3. Package Contents



### MAIN BODY

- Size 347(Φ) x 82(H)mm
- Weight 2.7kg
- Color: orange



Side Brushes



Battery



Dust Bin









Filter



User Manual &  
Quick Start Guide



# Your advantages

-  New segment in a growing market
-  MONEUAL – worldwide working partner with high demand on technic and design
-  Intelligent and innovative products for a big and manifold target group
-  Differentiation to competitors
-  Gain new customer
-  Higher turnover





# MONEUAL<sup>®</sup>

*Better Home Better Life*



**Thank You!**

