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MeiDeHo Machinery Co., Ltd.

GO GREEN

YOUR ECO-FRIENDLY AND ENERGY-EFFICIENT GARDENING TOOLS

36V Brushless Motor Gardening Tools

🌿 Trimmer 🌿 Hedge Trimmer 🌿 Leaf Blower Vacuum



RESEARCH & INNOVATION FOR THE NEXT GENERATION ECO-FRIENDLY PRODUCTS

MeiDeHo is a brand established by a highly research-oriented company in Taiwan, Feng-Fuh Machinery, who has spent nearly 30 years in mechanical products OEM and innovation. Stepping into the 21st Century, environmental awareness has triggered a new trend for research and also inspired MeiDeHo to develop the high battery capacity & high speed 36V Brushless Motor Grass Trimmer.

Being one of the top notch gardening tool brands featuring high battery capacity, MeiDeHo's Grass Trimmer and gardening products are all powered by the European CE-standard lithium-ion battery to ensure the highest user safety. Optimizing the user experience is always MeiDeHo's priority in developing products, and the research team spent countless hours in order to deliver an ergonomic design onto all MeiDeHo's gardening tools that are suitable for both commercial and home gardening use.

The innovative products designed by MeiDeHo doesn't just stop here, and we will continue to enhance our research to provide more diverse and high efficiency gardening products, highly integrated for the next generation.

MeiDeHo's CORE OF RESEARCH



To design an innovative product that is both eco-friendly and highly efficient is easier said than done. MeiDeHo builds upon its high capacity battery as the product core and expands to various applications, and we aim for the highest stability and safety in battery design. From the initial drafting, cut-off function design, and to the drop test, MeiDeHo has made numerous modifications on the battery to fit various working environments. Other research includes ergonomic design, optimized users' experiences, reduce operator fatigue, and increase product durability. MeiDeHo products are recognized by CE standard and patented in multiple countries, our continuous research effort input will ensure all MeiDeHo garden tool users with the highest safety precaution measures.

CE

ONE BATTERY WITH MULTIPLE APPLICATIONS



02

36V BRUSHLESS MOTOR
HEDGE TRIMMER

B6H36D-600

03

36V BRUSHLESS MOTOR
LEAF BLOWER VACUUM

B6BV36

01

36V BRUSHLESS
MOTOR TRIMMER

BST36B-A

36V LARGE CAPACITY LITHIUM-ION BATTERY
+
BRUSHLESS MOTOR

INTERNATIONAL PATENTS & RECOGNITION



- CE
- Fixing piece and bearings design on the cutting head
- Pipe rotation fixing and quick dismantling design on the direction-control rod
- Convex wire channel on the fixing rod assembly.
- Motor shaft thread on the cutting head.
- Innovative battery pack design
- Curved control handle design



36V BATTERY PACK

MeiDeHo's Lithium ion battery is the most popular product on the market. One battery pack has multiple functions that are compatible for all MeiDeHo's gardening tools in order to achieve maximized working efficiency.

The 36V is the largest capacity battery sold in the current trimmer market, and the lightweight design on MeiDeHo's battery pack reduces user's fatigue even when working long duration. For safety precaution, MeiDeHo adds in an auto-matic cut-off protection circuit design in the battery. In addition, the one-click start-off switch and the LCD display also provide additional convenience to users and enable them to keep track of the battery conditions.

- Powered by lithium-ion battery
- 4A charger for shorter recharge time
- LCD display battery life
- Power overload cut-off circuit ensures user safety



BATTERY PACK

- Lithium-ion battery
- 15.6Ah high battery capacity
- Battery pack designed to be conveniently carried in backpack style to efficiently reduce fatigue



LCD DISPLAY

- MeiDeHo string trimmer battery employs an LCD screen to display voltage, current, battery power (%), and battery temperature. This enables the operators to easily monitor the usage condition of the battery pack at all times.



HIGH EFFICIENCY CHARGING

- 4A charger for shorter recharging time.
- The power cord connector is designed with a buckle that allows simple inserts and disconnects with a thumb-click.
- The power cord features superior dust and water resistance that complies with IP67 protection code.

Battery Capacity	Battery Voltage	Battery Size	Battery Weight	Power Display	Battery Socket
15.6Ah	36V	30.3x22.3 x10.1cm	4.1kg	LCD	Metal

36V BRUSHLESS MOTOR TRIMMER

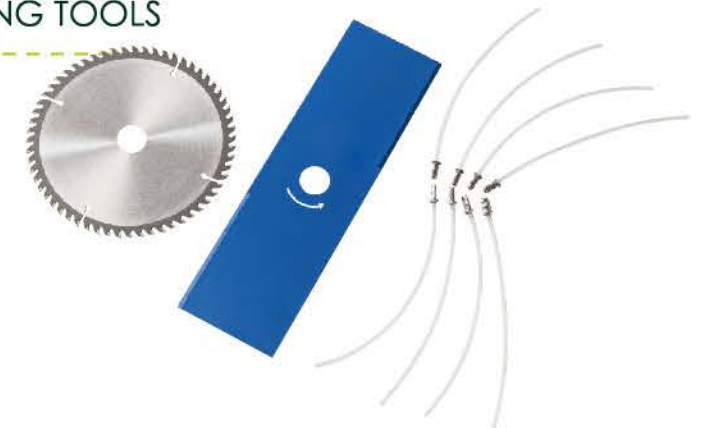
As more gas-powered trimmers are now gradually being replaced by battery trimmers, MeiDeHo has moved one step ahead and developed trimmers that emphasize better safety and convenience to users. Features include double trimmer lines, higher battery capacity for longer work cycle, and brushless motor installed to enable a faster rotation speed. These features allow MeiDeHo's 36V trimmer to work long hours with high efficiency trimming for both commercial and home gardening purposes.

- Large capacity
- Driven by brushless motor
- Double trimmer line
- 4-setting speed change with LCD lighting indication
- Power cut-off circuit when power is overloaded
- Ergonomic design for extra working comfort
- Zero emissions. Fumeless tools that exceed eco-friendly standards
- Suitable for trimming on all terrains

REDUCED NOISE!
MINIMIZED VIBRATION!
LIGHTWEIGHT!

COMPATIBLE WITH ALL KINDS OF CUTTING TOOLS

- MeiDeHo string trimmer accommodates various cutting tools for user to select, such as sawblade, 2T straight blade and trimmer lines.



36V BRUSHLESS MOTOR TRIMMER

36V TRIMMER



CUTTING HEAD

- Innovative motor shaft design fits perfectly for running trimmer lines or 2T straight blade. This unique structural design safeguards the motor when impacted with other object during operation.
- The motor and entire trimmer employs 3 bearings for enhanced working stability.

DOUBLE TRIMMER LINES

- The reel is fitted with two trimmer lines and powered by high-speed motor for increased grass trimming efficiency.



START SAFETY FEATURE

- An additional start safety switch installed on the handle enhances operation safety.
- Easy to activate: the operator only needs to press the speed switch and the start switch (trigger) to activate the trimmer for operation.

4-SETTING SPEED CHANGE

- The cutting head provides 4 setting speeds ranging from 4,200 ~ 7,000 rpm.
- Speed can be changed by simply pressing the speed change button.



A. Handle B. Speed Switch C. Speed Indication Lighting
D. Speed Change Button E. Start Switch (Trigger)

Product Series		BST36S-A	BST36B-A
Handle Type		Straight Type	Bending Type
Overall Length		167 cm	163 cm
Cutting Diameter- Sawblade		305 cm	
Cutting Diameter- Trimmer Lines		420 cm	
Rotation Direction		Counter-clockwise when viewed from top	
Rotation Speed (2T Blade)	1st Step	6200 rpm	
	2nd Step	6500 rpm	
	3rd Step	6800 rpm	
	4th Step	7000 rpm	
Rotation Speed (Trimmer Lines)	1st Step	4200 rpm	
	2nd Step	4600 rpm	
	3rd Step	5000 rpm	
	4th Step	5400 rpm	
Tool Weight		2.7 KG	
Battery Voltage		36V Lithium Ion	
Battery Capacity		15.6 Ah	
Battery Weight		4.1 KG	
Charger Rated Voltage		42 V	
Charger Rated Current		4 A	
Charger Weight		660 g	
Operation Time to Each Full Charge Using Trimmer Line (varies with working environment)	1st Step	90~120 min.	
	2nd Step	80~90 min.	
	3rd Step	70~80 min.	
	4th Step	60~70 min.	
Operation Time to Each Full Charge Using Cutting Blade (varies with working environment)	1st Step	210~240 min.	
	2nd Step	180~210 min.	
	3rd Step	150~180 min.	
	4th Step	120~150 min.	

The specifications shown above are subject to change without prior notice.
The Battery is UN38.3 and CE certified.

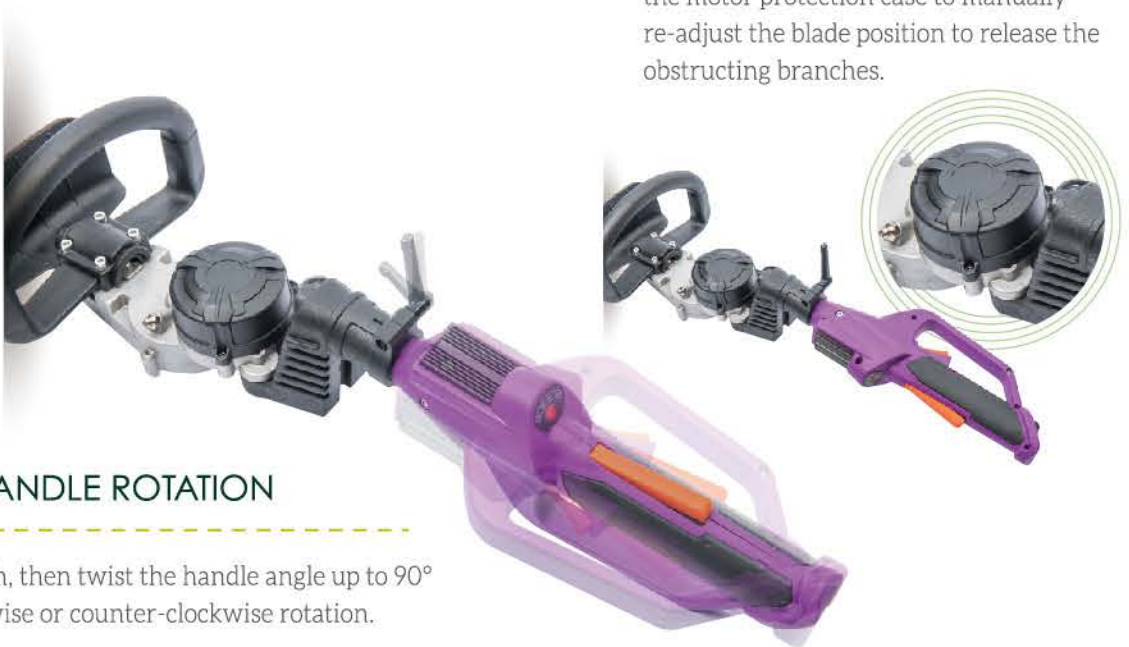
36V BRUSHLESS MOTOR HEDGE TRIMMER (SINGLE/DOUBLE BLADE)

- Driven by brushless motor
- 4-setting speed change with LCD lighting indication
- Power cut-off circuit when power being overloaded
- Zero emission. Fumeless tools that exceeds eco-friendly standards
- Handle position adjustable up to 180° rotation
- Easy manual blade position re-adjustment through knob



MANUAL BLADE RE-ADJUSTMENT

Under the circumstance when thick branches obstruct the trimmer blades, open the motor protection case to manually re-adjust the blade position to release the obstructing branches.



UP TO 180° HANDLE ROTATION

Loosen the latch, then twist the handle angle up to 90° in either clockwise or counter-clockwise rotation.

Product Series		BGH36S-600	BGH36D-600
Number of Blades		Single	Double
Total Length		910 mm	1,208 mm
Product Weight		3.5 Kg	3.6 Kg
Blade Length		600 mm	
Cutting Diameter		18 mm	
Battery Voltage		36V Lithium Ion	
Battery Capacity		15.6 Ah	
Battery Weight		4.1 Kg	
Charger Rated Voltage		42 V	
Charger Rated Current		4 A	
Charger Weight		660 g	
Motor Speed	1st Step	6,800 rpm	
	2nd Step	7,400 rpm	
	3rd Step	8,200 rpm	
	4th Step	8,800 rpm	
Operation Time to Each Full Charge (varies with working environment)	1st Step	250 min	
	2nd Step	230 min	
	3rd Step	200 min	
	4th Step	180 min	

The specifications shown above are subject to change without prior notice.
The Battery is UN38.3 and CE certified.

36V BRUSHLESS MOTOR LEAF BLOWER VACUUM

- Driven by brushless motor
- 4-setting speed change with LCD lighting indication
- Power cut-off circuit when power is overloaded
- Zero emissions. Fumeless tools that exceed eco-friendly standards
- 3 Functions combined in one product to achieve 1-step leaf collection and bagging
- Safety sensors installed on both tubes

TUBE SENSORS TO ENSURE FULL SAFETY

- To ensure user safety, sensors are installed on both the blower tube and the mulch bag tube. Power switch will be disabled when either tube is not fully attached.



COMBINE 3-STEP FUNCTIONS IN ONE PRODUCT

- By simply turning the function knob, the operator can switch between blowing and vacuum/mulching functions.



Product Series		BGBV36	BGBV36-C
Product Weight		4.5 kg	
Battery Voltage		36V Lithium Ion	
Battery Capacity		15.6 Ah	
Battery Weight		4.1 Kg	
Charger Rated Voltage		42 V	
Charger Rated Current		4 A	
Charger Weight		660 g	
Max. Wind Speed		290 km/hr	
Max. Air Quantity		155 l/s	
Mulch Bag Max. Capacity		40 L	58 L
Fan Speed	1st Step	10,000 rpm	
	2nd Step	11,000 rpm	
	3rd Step	12,500 rpm	
	4th Step	13,800 rpm	
Operation Time to Each Full Charge (varies with working environment)	1st Step	150 min	
	2nd Step	100 min	
	3rd Step	80 min	
	4th Step	60 min	

The specifications shown above are subject to change without prior notice.
The Battery is UN38.3 and CE certified.