

Hover-1 H1-ALPRO-BLK

Hover-1 Alpha Pro Electric Kick Scooter User Manual

Model: H1-ALPRO-BLK

1. INTRODUCTION

Welcome to the Hover-1 Alpha Pro Electric Kick Scooter user manual. This guide provides essential information for the safe operation, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before your first ride to ensure proper use and to maximize your riding experience.

Safety Precautions

Your safety is paramount. Always adhere to the following safety guidelines:

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Ensure the scooter is fully charged and all components are secure before each use.
- Do not ride in wet conditions, on slippery surfaces, or in heavy traffic.
- Obey all local traffic laws and regulations.
- Do not allow children under the recommended age to operate the scooter.
- Maintain a safe distance from pedestrians and other vehicles.
- Avoid sudden stops or sharp turns at high speeds.

2. WHAT'S IN THE BOX

Upon opening your Hover-1 Alpha Pro package, please verify that all the following items are included:

- Hover-1 Alpha Pro Folding Scooter
- User Manual
- Charger





3. PRODUCT FEATURES

The Hover-1 Alpha Pro is designed for an efficient and enjoyable ride, packed with advanced features:

- **Samsung 36V - 6.0Ah, UL 2272 Certified Battery Pack:** Easy to charge with the provided charger.
- **LED Deck Lighting, LED Headlight, and LED Display:** For visibility and clear information.
- **450W Brushless Motor:** Reaches speeds up to 18.4 mph, supporting a weight capacity of 264 lbs.
- **Front and Back 10-inch Air-filled Tires:** Provide greater stability and a smoother ride.
- **Built-in Bluetooth Speaker:** Stream audio from your smartphone.
- **Foldable Design:** Convenient for portability and storage.
- **Disk System, Mechanical, and Electronic Brakes:** Ensure safe and effective stopping power.



Image: Close-up of the scooter's LCD display, showing speed, battery level, and mode indicators.



The image features a black Hover-1 electric scooter against a blue background with abstract shapes. The scooter's handlebar has "HOVER-1" written vertically. A gear icon is positioned above the text "450W Brushless Motor". The deck has a blue four-bladed propeller graphic. The rear wheel assembly is shown in a cutaway view, revealing the motor and internal components. A small icon of a ramp is next to the text "CLIMB UP TO 15° INCLINE".

450W
Brushless Motor

CLIMB UP TO 15° INCLINE 

Our most powerful 450W brushless motor delivers more power with less drain on batteries, less noise, and less heat.

Image: Illustration highlighting the powerful 450W brushless motor, capable of climbing inclines.

Please Contact
Hover-1 for
Troubleshooting



18 mph
Max Speed



THE RIGHT BLEND OF SPEED & RANGE

You can ride up to 18 miles
and up to 18 mph on a single charge!

Image: Visual representation of the scooter's maximum speed of 18 mph and range of up to 18 miles on a single charge, with battery cells shown.



DISC

Brake



RIDE WITH CONFIDENCE

Our disc brakes deliver better, safer stopping power.

Image: Detail of the scooter's disc brake system, emphasizing its stopping power.

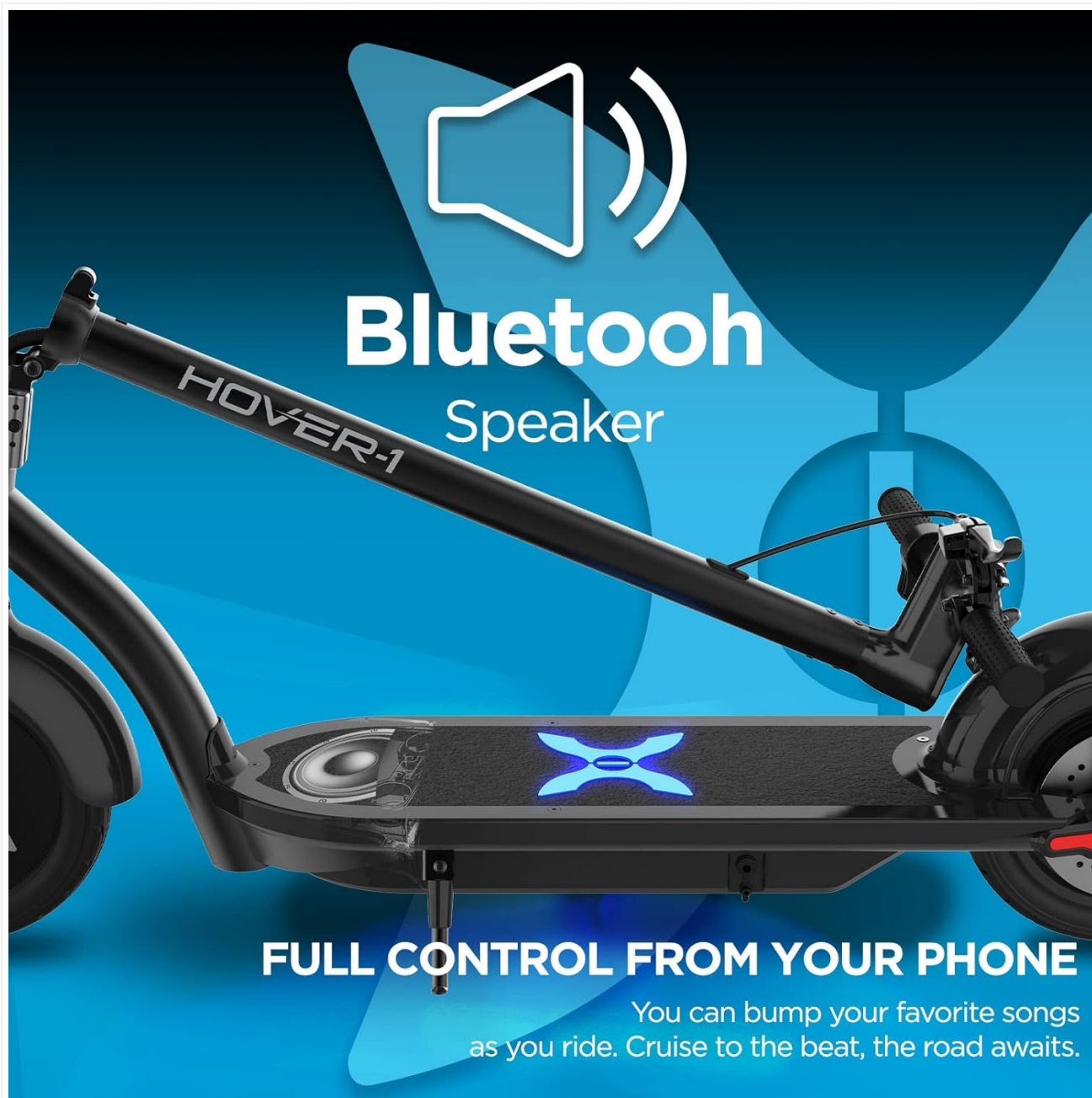


Image: The scooter's integrated Bluetooth speaker, allowing for audio streaming from a connected phone.

4. INITIAL SETUP

Unfolding the Scooter

1. Place the scooter on a flat, stable surface.
2. Locate the folding mechanism near the base of the handlebar stem.
3. Release the locking latch and carefully lift the handlebar stem until it clicks into place, indicating it is fully upright and locked.
4. Ensure all locking mechanisms are securely engaged before riding.

Charging the Battery

Before first use, fully charge the scooter's battery. The charging port is typically located on the side of the deck.

Note on Sleep Mode Deactivation: If your unit is not powering on and the light indicator on the charger is solid green when you attempt to charge it, the scooter may be in sleep mode. Follow these steps to deactivate it:

1. Plug the charger into the unit and the wall outlet.

2. Leave plugged in, pick up the motorized wheel (rear wheel) and spin the wheel manually until the charger light indicator starts to flash red.
3. Continue spinning the wheel until the charger light indicator is solid red, then stop spinning.
4. Charge the unit for the specified amount of time per this manual (typically until the charger light turns green).
5. Turn on the unit.

HOVER-1™

SLEEP MODE DEACTIVATION

If your unit is not powering on and the light indicator on the charger is solid green when you attempt to charge it, please follow the below instructions to deactivate sleep mode.

1. Plug the charger into the unit and the wall.
2. Leave plugged in, pick up the motorized wheel and spin the wheel manually until the charger light indicator starts to flash red.
3. Continue spinning the wheel until the charger light indicator is solid red, then stop spinning.
4. Charge the unit specified amount of time per the manual.
5. Turn on the unit.

Image: Step-by-step instructions for deactivating sleep mode on the Hover-1 Alpha Pro scooter to initiate charging.

5. OPERATING INSTRUCTIONS

Powering On/Off

- To power on: Press and hold the power button on the display until the screen illuminates.

- To power off: Press and hold the power button until the display turns off.

Riding the Scooter

1. Place one foot firmly on the deck.
2. Push off with your other foot to gain initial momentum.
3. Once moving, gently press the throttle lever to engage the motor.
4. Place your second foot on the deck.
5. To slow down or stop, release the throttle and apply the brake lever.

Using the Controls

- **Throttle:** Located on the right handlebar, controls acceleration.
- **Brake Lever:** Located on the left handlebar, activates the disc brake.
- **Display:** Shows current speed, battery level, and riding mode.
- **Bluetooth Speaker:** Connect your smartphone via Bluetooth to play music through the integrated speaker.

Folding the Scooter

1. Ensure the scooter is powered off.
2. Locate the folding latch/lever at the base of the handlebar stem.
3. Engage the release mechanism and carefully fold the handlebar stem downwards until it locks into its folded position.

6. MAINTENANCE GUIDELINES

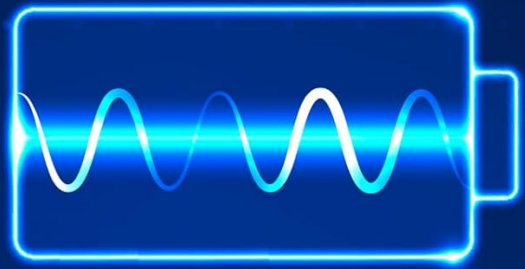
Battery Maintenance

Proper battery care extends the lifespan and performance of your scooter:

- Do not leave batteries unused for extended periods of time. Lithium-ion batteries self-discharge when not in use.
- Store batteries in a cool, dry place away from direct sunlight.
- Keep the battery charged to around 60% to 80% capacity before storing the product or the battery for long periods.
- Charge the battery to approximately 70% at least once every six months if stored.
- It is recommended to store the battery between 41°F and 77°F (5°C and 25°C).
- Do not leave the battery on charge for extended periods of time after its done charging.
- Dropping your batteries can damage the circuitry inside and cause the battery to malfunction. Inspect the battery carefully before use.

HOVER-1

BATTERY MAINTENANCE



Do not leave batteries unused for extended periods of time.
Lithium-ion batteries self-discharge when not in use while the product is stored.

Store batteries inside in a cool, dry place away from direct sunlight.

Keep the battery to around 60% to 80% capacity before storing the product or the battery.

Charge the battery to approximately 70% at least once every six months.

If the product comes with a user removable battery, remove the battery, and store it separately.

It is recommended to store the battery between 41 °F and 77 °F (5 °C and 25 °C).

Follow proper charging instructions for your product as detailed in the manual.

Do not leave the battery on charge for extended periods of time after its done charging.

Dropping your batteries can damage the circuitry inside and can cause the battery to malfunction. Inspect the battery carefully before use.

Image: Visual guide to essential battery maintenance practices for the Hover-1 Alpha Pro scooter.

Tire Care

- Regularly check tire pressure and inflate to the recommended PSI (refer to tire sidewall or specifications).
- Inspect tires for wear, punctures, or damage before each ride.

Cleaning and Storage

- Clean the scooter with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Avoid spraying water directly onto electrical components.
- Store the scooter in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your Hover-1 Alpha Pro, refer to the table below for common problems and solutions.
For persistent issues, please contact customer support.

Problem	Possible Cause	Solution
Scooter does not turn on or charge.	Battery in deep discharge/sleep mode; charger not recognizing connection.	Follow 'Sleep Mode Deactivation' steps (Section 4). Leave plugged in for a few days if necessary. Try spinning the rear wheel while charging.
Error code E2 displayed.	Throttle malfunction.	Check throttle connection. If issue persists, contact customer support for repair or replacement.
Battery range is less than advertised.	Riding conditions (hills, rider weight, speed mode), battery degradation.	Ensure proper tire pressure. Ride in Eco mode for extended range. Follow battery maintenance guidelines.
Scooter slows down or stops unexpectedly.	Low battery, motor overheating, or internal fault.	Charge the battery fully. Allow scooter to cool down. If problem persists, contact customer support.

8. TECHNICAL SPECIFICATIONS

Detailed specifications for the Hover-1 Alpha Pro Electric Kick Scooter:

Feature	Specification
Product Dimensions	111.76 x 22.86 x 124.46 cm
Item Weight	15.88 kg
Item Model Number	H1-ALPRO-BLK
Batteries	1 Lithium Ion battery required (included)
Age Range	Adult, Teen
Brake Type	Disc, Mechanical, and Electronic
Colour	Black
Frame Material	Alloy Steel
Material	Aluminum, Plastic
Special Features	Portable, Foldable
Wheel Size	10 Inches
Maximum Weight Capacity	264 Pounds
Manufacturer	DGL Group
Wheel Material	Rubber
Number of Wheels	2

9. WARRANTY AND CUSTOMER SUPPORT


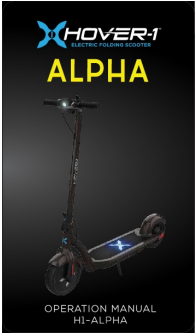
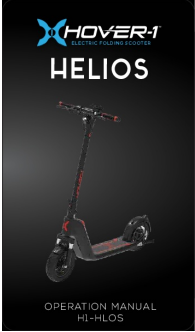
Warranty Information




For detailed warranty information regarding your Hover-1 Alpha Pro Electric Kick Scooter, please refer to the warranty card included in your product packaging or visit the official Hover-1 website. The warranty typically covers manufacturing defects for a specified period from the date of purchase.

Customer Support

Should you require assistance with setup, operation, maintenance, or troubleshooting that is not covered in this manual, please contact Hover-1 customer support. Contact information can usually be found on the Hover-1 website or on the product packaging.

Related Documents - H1-ALPRO-BLK

	<p>Hover-1 Alpha Electric Folding Scooter: Operation Manual & Safety Guide</p> <p>Comprehensive operation manual for the Hover-1 Alpha electric folding scooter, covering safety precautions, specifications, maintenance, charging, riding instructions, and troubleshooting.</p>
	<p>Hover-1 Alpha Electric Folding Scooter Operation Manual</p> <p>Official operation manual for the Hover-1 Alpha electric folding scooter, covering safety, operation, maintenance, specifications, and troubleshooting.</p>
	<p>Hover-1 Helios Electric Folding Scooter Operation Manual</p> <p>Comprehensive operation manual for the Hover-1 Helios electric folding scooter (Model H1-HLOS), covering safety guidelines, operating instructions, maintenance, specifications, and troubleshooting.</p>

	<p>Hover-1 Alpha Pro Electric Folding Scooter Operation Manual</p> <p>This operation manual provides comprehensive instructions and safety guidelines for the Hover-1 Alpha Pro electric folding scooter, covering setup, operation, maintenance, and troubleshooting.</p>
	<p>Hover-1 Edge 2.0 Electric Folding Scooter Operation Manual & Safety Guide</p> <p>Comprehensive operation manual and safety guide for the Hover-1 Edge 2.0 electric folding scooter, covering setup, riding, maintenance, troubleshooting, and safety precautions.</p>
	<p>Hover-1 Alpha 2.0 Electric Folding Scooter Operation Manual</p> <p>Comprehensive operation manual for the Hover-1 Alpha 2.0 electric folding scooter, covering safety precautions, operation, maintenance, battery care, specifications, and troubleshooting.</p>

RF EXPOSURE EVALUATION	
1. PRODUCT INFORMATION	
Product Description	HOVER-1 FOLDING ELECTRIC SCOOTER
Model Name	H1-ALPHA, H1-ALPHA-20G, H1-ALPHA-RED-20G, H1-ALPHA-BLK-20G, H1-ALPHA-XXX-20G, H1-ALPHA-GRY-20G, H1-ALPHA-BLK-20G, H1-ALPHA-XXX-20G, DSA-ALPHA-RED-20G, DSA-ALPHA-BLK-20G, DSA-ALPHA-XXX-20G, DSA-ALPHA-GRY-20G, DSA-ALPHA-BLK-20G, DSA-ALPHA-XXX-20G, DSA-AH-ALPHA-RED-20G, DSA-AH-ALPHA-BLK-20G, DSA-AH-ALPHA-XXX-20G, DSA-AH-ALPHA-GRY-20G, DSA-AH-ALPHA-BLK-20G, DSA-AH-ALPHA-XXX-20G, DSA-AH-ALPHA-GRY-20G, DSA-AH-ALPHA-BLK-20G, DSA-AH-ALPHA-XXX-20G, H1-ALPRO, H1-ALPRO-BLK, H1-ALPRO-XXX, DSA-ALPRO, DSA-ALPRO-BLK, DSA-ALPRO-XXX, DSA-AH-ALPRO, DSA-AH-ALPRO-BLK, DSA-AH-ALPRO-XXX
FCC ID	2AANZALPHA20G
2. EVALUATION METHOD	
According to 47CFR 2.101 General RF Exposure Guidance NIOSH The 1-g and 10-g SAR test exposure procedure for 100 MHz to 3 GHz at test exposure distance < 50 mm are determined by: [Power power of handset, including antenna tolerance, mW] / [area of handset, mm ²] [Power] / [area] < 2.0 for 1-g SAR and < 7.0 for 10-g SAR Where [Power] is the RF channel transmit frequency in GHz Power and distance are rounded to the nearest mW and mm before calculation	
3. CALCULATION	
P=0.055(W/m^2) (dBm)	
The value of the Maximum output power P is referred to the last report of the CPRA7 1.1.1.1	
The result for RF exposure evaluation SAR (P (dBm) / (4 * 10^10)) is 1.16 x 10^-3 for 1-g SAR and < 7.0 for 10-g SAR	
4. CONCLUSION	
The SAR evaluation is not required	

[pdf] SAR Rating

USER RF exposure DGL Group LTD ALPHA20G HOVER 1 FOLDING ELECTRIC SCOOTER

2AANZALPHA20G alpha20g

RF EXPOSURE EVALUATION 1. PRODUCT INFORMATION Product Description
Model Name FCC ID HOVER-1 FOLDIN ... LW-20G, SA-AH-ALPHA-GRY-20G, DSA-
AH-ALPHA-BLK-20G, SA-AH-ALPHA-XXX-20G, DSA-AH-ALPHA-20G, H1-ALPRO,
H1-ALPRO-BLK, H1-ALPRO-XXX, DSA-ALPRO, DSA-ALPRO-BLK, DSA-ALPRO-
XXX, DSA-AH-ALPRO, DSA-AH-ALPRO-BLK,...

lang:en score:23 filesize: 106.63 K page_count: 1 document date: 2020-10-30

DGL Group Ltd	
Agent Authorization	
Company: DGL Group Ltd Address: 195 Raritan Center Parkway Edison, NJ 08837 Product Name: HOVER-1 FOLDING ELECTRIC SCOOTER Model Number: H1-ALPHA, H1-ALPHA-20G, H1-ALPHA-RED-20G, H1-ALPHA-BLK- 20G, H1-ALPHA-XXX-20G, H1-ALPHA-GRY-20G, H1-ALPHA-BLK-20G, H1-ALPHA-XXX- 20G, DSA-ALPHA-RED-20G, DSA-ALPHA-BLK-20G, DSA-ALPHA-XXX-20G, DSA- ALPHA-GRY-20G, DSA-ALPHA-BLK-20G, DSA-ALPHA-XXX-20G, DSA-AH-ALPHA-RED-20G, DSA-AH-ALPHA-BLK-20G, DSA-AH-ALPHA-XXX-20G, DSA-AH-ALPHA-GRY-20G, DSA-AH-ALPHA-BLK-20G, DSA-AH-ALPHA-XXX-20G, H1-ALPRO, H1-ALPRO-BLK, H1-ALPRO-XXX, DSA-ALPRO, DSA-ALPRO-BLK, DSA-ALPRO-XXX, DSA-AH-ALPRO, DSA-AH-ALPRO-BLK, DSA-AH-ALPRO-XXX	
Product Description: HOVER-1 FOLDING ELECTRIC SCOOTER	
We authorize MICOM Labs Inc, 575 Boulder Court, Pleasanton, California 94566, USA, to act on our behalf on all matters concerning the certification of above named equipment.	
We declare that MICOM Labs Inc is allowed to forward all information related to the approval and certification of equipment to the regulatory agencies as required and to discuss any issues concerning the approval application. Any and all data carried out by MICOM Labs on our behalf shall have the same effect as acts of our own.	
Signature: _____	Date: 2020-11-02
Name: Josephine Tran	
Company: DGL Group Ltd	

[pdf] Agent Authorization

PLEASE PRINT ON COMPANY LETTERHEAD MiCOM Labs Inc QMS Agent Authorization Rev 1 0 DGL
Group LTD ALPHA20G HOVER FOLDING ELECTRIC SCOOTER 2AANZALPHA20G alpha20g

DGL Group, Ltd. Agent Authorization Company: DGL Group, Ltd. Address: 195 Raritan
Center Parkway Edison ... -YLW-20G, SA-AHALPHA-GRY-20G, DSA-AH-ALPHA-
BLK-20G, SA-AH-ALPHA-XXX-20G, DSA-AH-ALPHA20G, H1-ALPRO, **H1-ALPRO-
BLK**, H1-ALPRO-XXX, DSA-ALPRO, DSA-ALPRO-BLK, DSAALPRO-XXX, DSA-AH-
ALPRO, DSA-AH-ALPRO-BLK, ...

lang:en score:19 filesize: 18.98 K page_count: 1 document date: 2020-11-02

DGL Group Ltd	
Nov. 09, 2020	
Office of Engineering Technology Federal Communications Commission 7435 Calhoun Mills Road Columbia, MD 21046 USA	
Subject: Explanation of differences between product types	
FCC ID: 2AANZALPHA20G Model Number: H1-ALPHA, H1-ALPHA-20G, H1-ALPHA-RED-20G, H1-ALPHA-BLK-20G, H1-ALPHA-XXX-20G, H1-ALPHA-GRY-20G, H1-ALPHA-BLK-20G, H1-ALPHA-XXX-20G, DSA-ALPHA-RED-20G, DSA-ALPHA-BLK-20G, DSA-ALPHA-XXX-20G, DSA-ALPHA-GRY-20G, DSA-ALPHA-BLK-20G, DSA-ALPHA-XXX-20G, DSA-AH-ALPHA-RED-20G, DSA-AH-ALPHA-BLK-20G, DSA-AH-ALPHA-XXX-20G, DSA-AH-ALPHA-GRY-20G, DSA-AH-ALPHA-BLK-20G, DSA-AH-ALPHA-XXX-20G, H1-ALPRO, H1-ALPRO-BLK, H1-ALPRO-XXX, DSA-ALPRO, DSA-ALPRO-BLK, DSA-ALPRO-XXX, DSA-AH-ALPRO, DSA-AH-ALPRO-BLK, DSA-AH-ALPRO-XXX	
To Whom It May Concern:	
We, The DGL Group Ltd, hereby declare that the models are identical except the model name and the color of appearance. Except for the different above, no other modification is performed.	
Sincerely,	
Signature: _____	
DGL Group Ltd Contact person: Josephine Tran	

[pdf] Declaration of Conformity

Date gretchen Differences Declaration DGL Group LTD ALPHA20G HOVER 1 FOLDING ELECTRIC
SCOOTER 2AANZALPHA20G alpha20g

DGL Group, Ltd. Nov.09, 2020 Office of Engineering Technology Federal
Communications Commission 7435 ... LW-20G, SA-AH-ALPHA-GRY-20G, DSA-AH-
ALPHA-BLK-20G, SA-AH-ALPHA-XXX-20G, DSA-AH-ALPHA-20G, H1-ALPRO, **H1-
ALPRO-BLK**, H1-ALPRO-XXX, DSA-ALPRO, DSA-ALPRO-BLK, DSA-ALPRO-XXX,
DSA-AH-ALPRO, DSA-AH-ALPRO-BLK,...

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lang:en score:13 filesize: 4.71 M page count: 48 document date: 2020-11-09