



*Lead. Move. Live.*

# SYNERGY AVIATOR 2.0

MODEL NUMBER  
SYN-AD600



**TOP SPEED**  
45 KM / 28 MPH



**BATTERY RANGE**  
40+ KM / 25+ MI



**TIRES**  
8" Flat-Proof Tires



**MOTOR**  
Dual 48V 600W  
1200W Total



**ANTI-THEFT**  
Voltage Lock Key

## POWERFUL DUAL 600W MOTORS

The Synergy Aviator 2.0 is a dual motor variant of the Aviator electric scooter. Its dual 600W/48V motors produce 1200W of power for even better performance. The Aviator Series comes standard with our new 8" FLAT-PROOF Tires, never have a flat tire again! All Aviator models include acrylic side lights for both safety and style. Our Anti-theft voltage lock key is another added safety feature.

*Suggested MAX weight of rider to be 250lbs*

# TECH SPECIFICATIONS

<b>MOTOR</b> 48V 2 x 600W (1200W total)	<b>TIRES</b> 8" Flat-Proof Tires. Never have another flat tire!	<b>SCOOTER DIMENSIONS - OPENED</b> 45.7" L x 8" W x 45.7" H (Inches) 116 L x 20.5 W x 118.5 H (CM)
<b>BATTERY</b> 48v 15.6AH Lithium Battery	<b>WATER RESISTANT</b> Yes, this model is rated IP54.  IP54 products are protected against water splash from all angles and heavy rain. If immersed fully in water, the product will be damaged.	<b>SCOOTER DIMENSIONS - CLOSED</b> 44.5" L x 8" W x 18.1" H (Inches) 113 L x 20.5 W x 46 H (CM)
<b>TOP SPEED</b> 32 KMH / 20 MPH by display  Can be unlocked to 45 KMH/28 MPH for offroad use. Check local regulations before unlocking.	<b>GRADE ABILITY</b> 15 to 20 Degree	<b>LIGHTS</b> Head light with horn + front deck light + rear deck light + brake light + Acrylic side light
<b>BATTERY RANGE</b> Up to 40 KM / 25 MI  Range depends on many factors such as terrain, riders weight, riding style, dual or single mode.	<b>BRAKES</b> Front and rear drum brake + electric brake	<b>TEMPERATURE RANGE</b> Working Temp: -5°C~40°C (14F-104F) Storage Temp: -5°C~40°C (14F-104F)
<b>CHARGER</b> INPUT: 100-240V~50/60HZ OUTPUT: 54.6V===2.0A	<b>SUSPENSION</b> Front and rear spring suspension	<b>FOLDING MODEL</b> Yes, this model folds
<b>CHARGE TIME</b> 7 hrs	<b>FRAME</b> Aluminum Alloy	<b>ANTI-THEFT</b> Voltage Lock Key
<b>SCOOTER WEIGHT</b> 29kg / 64lbs	<b>SPEEDOMETER</b> Smart LCD display	<b>RIDER MINIMUM AGE / SIZE RANGE</b> 16 years old (between 150-215 cm)



## BATTERY

The battery is the main energy source of your SYNERGY AVIATOR 2.0, so be sure to treat it with care at all times. We recommend that you recharge it only with the charger provided with your SYNERGY AVIATOR 2.0.

### BATTERY FUNCTIONS

1. There are three key positions — **on**, **locked** and **unlocked**.
2. When the key is turned to the **unlocked** position, the battery ready to be removed.
3. In the **locked** position (which can be found by turning the key one click from the unlocked position), the battery cannot be removed, and motor cannot be switched on.
4. In the **on** position (which can be found by turning the key two clicks from the unlocked position), you have full use of your bike's electronic components. When the key is in the **on** position, turn the motor and LCD screen on and off by pushing the power button on the display.