



Airmove II

Cool & Cordless

Revolutionary Mobile Wind Station

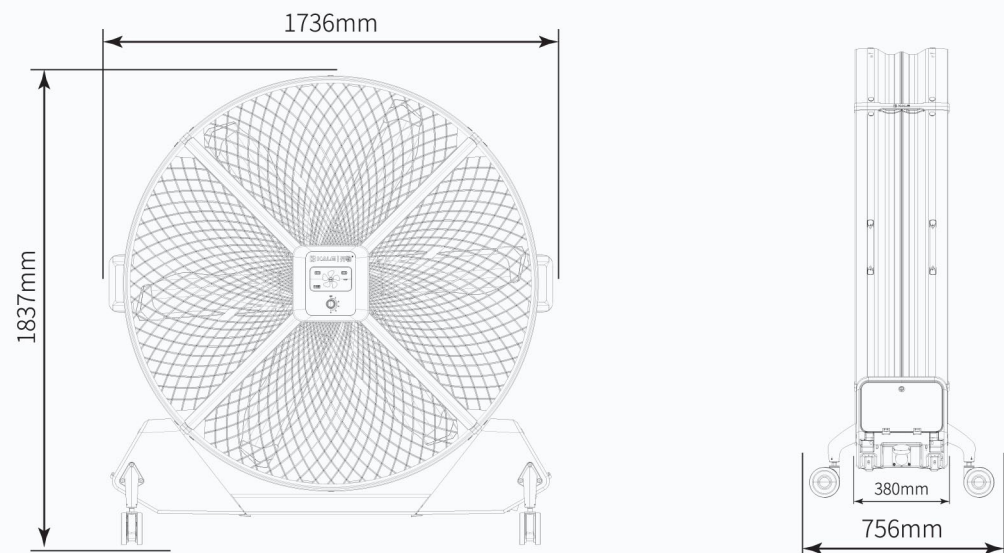
Marketed by:

KHIND®

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» Airmove II

- Battery**
Two 48V 21AH (1kW·h) Lithium batteries (total 2 kWh)Experience peace of mind with our top-notch safety measure, long cycle life, small self-discharge rate, and no memory effect
- Motor**
The newly developed 48V Permanent Magnet Synchronous Motor for energy storage applications is a game-changer. This cutting-edge technology offers unmatched performance and impressive running time, making it an ideal solution for various energy storage applications. This breakthrough represents a significant step forward in the technological revolution, marking a new era of innovation and progress.
- Aerodynamic Mesh Cover**
3D Streamline Grid, Excellent Performance, Less Wind Resistance, Further Air Supply
- Fan Blade**
Airmove II with Kale K series fan blades
- Energy Storage & Wireless**
Super long running time
Fast charge
Continuous battery charging
- Excellent Performance**
Aerodynamic Mesh Cover
Ultra-long air supply distance
- Ultra-long Air Supply Distance**
Equipped with two batteries, the running time of Airmove II can reach 8 hours
- Fast Charge**
With 10A fast charge, it can be fully charged in two hours
- Continuous Battery Charging**
The Airmove II is an exceptional product that can operate using a single battery. Even when one battery is removed during operation, the fan automatically switches to single-battery mode. This means that you can enjoy uninterrupted operation and a long-lasting battery life, allowing you to get the most out of your device



Airmove II Product Parameters	
Product model	KL-SHVLS-Y6ABA16 (1.6m)
Product dimensions (WxHxD)	1736mm x 1837mm x 756 mm
Maximum speed	360RPM
Wind speed range	0-36m (wind speed 4.0m/s-0.9m/s)
Full load air volume	1051 m³/min
Weight	175KG
Power type	Lithium battery
Number of battery packs	2
Nominal capacity	21AH
Nominal voltage	48V
Continuous working current	≤21A
Product power	350W
External dimensions of battery packs	155mm x 180mm x 267mm
Battery pack weight	8kg
Operating temperature	-20°C ~ 55°C
Standard charging current	0.2C
Maximum charging current	10A
Standard cycle life	After 1500 cycles, the battery pack capacity is greater than 85%

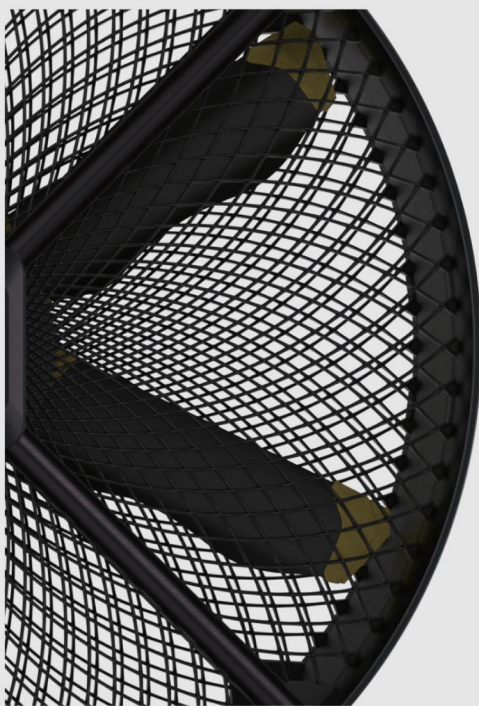
**Data provided by factory. Max Airflow has been measured in accordance with AMCA test standards 230-15 and 230-99. Specifications subject to changes without prior notice.*

- Note:
- Weight calculation: Product weight includes casters and batteries
 - Power supply: Lithium battery pack*2
 - Drive motor: PMSM (Permanent Magnet Synchronous Motor)
 - Charging temperature: 0-55°C
 - If the battery is not used for a long time, it is recommended to charge it every 2-3 months. The long-term storage of the battery pack needs to ensure that the capacity is greater than 50%.
 - The battery pack should be stored in the temperature range of 10° to 45°. In case of long-term storage for more than 3 months, the temperature should be 23° and the humidity should be 65RH.
 - The standard capacity of the new battery is 40%-60% of the total capacity. If there is no emergency, it is recommended to use it after charging.

Excellent Performance

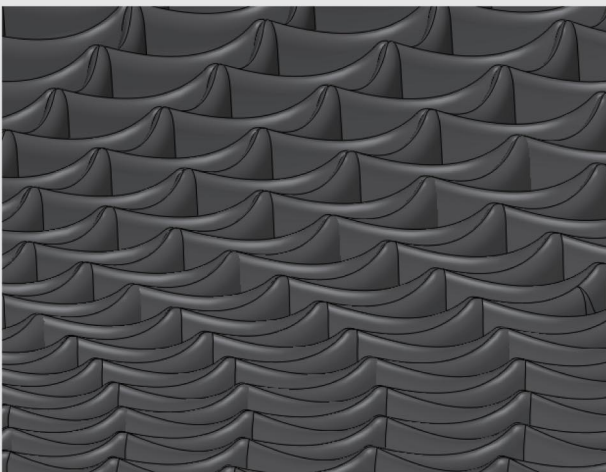
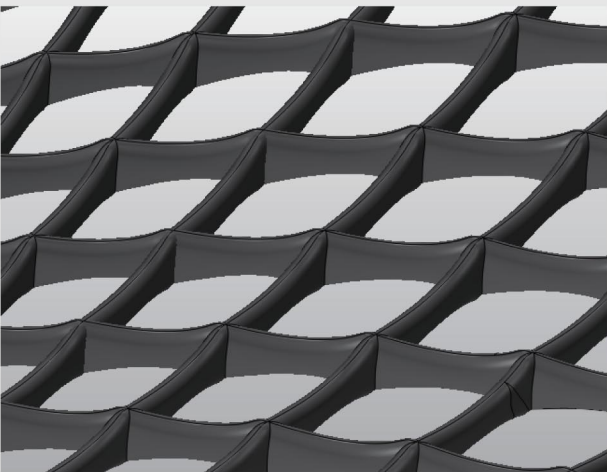
Aerodynamic Mesh Cover

The Aerodynamic Mesh Cover is a masterpiece of design, born from a combination of Kale's theory and practical experimentation. The unique mesh ribs are designed to expand outward in an arc from two directions, creating a stunning, dynamic effect that is both beautiful and functional. The cover is carefully crafted with a dense interior and a sparse exterior, ensuring optimal airflow and maximum efficiency. This innovative design not only looks great, but also enhances the overall performance of the Airmove II, making it a top choice for those seeking both style and substance.



3D streamline grid

Boasting a hydrodynamic rib design that minimizes air resistance and maximizes efficiency, the intersecting ribs create uplifting waves, providing a stable and fluid orientation for a smooth flow of air.



Ultra-long Air Supply Distance

The Airmove II features an ingenious aerodynamic mesh cover design that outperforms industry-standard mesh covers in every way. Our mesh cover is carefully crafted to provide superior wind resistance, surpassing industry standards and ensuring maximum efficiency. When compared to common mesh covers, the Airmove II's design is truly unmatched.

CFD wind resistance simulation results are as follows:



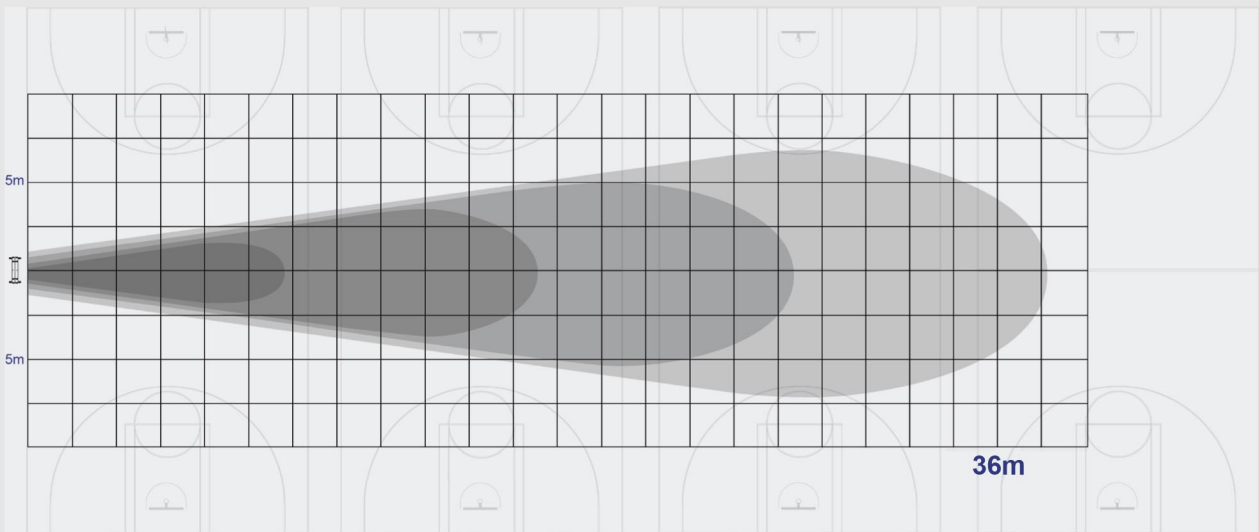
Industry common mesh cover form



Airmove II Aerodynamic mesh cover

Airmove II Airflow Diagram

Measured air supply distance > 36m!



Application Case

