



aIRSTaR

SIROCCO 300 PROPACK User manual



SAFETY INSTRUCTIONS

WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, EXCESSIVE EXPOSURE TO RADIATION OR INJURY:



1. Ensure that the power is disconnected when setting up the light source (battery off and charger unplugged).
2. Do not attempt to modify/repair your Sirocco independently: all repairs must be carried out exclusively by AIRSTAR authorised personnel.
3. Always disconnect your product and wait 15 minutes for it to cool down before carrying out maintenance.
4. Do not use your product if the envelope is damaged or missing.
5. Do not use your product if any electronic components are damaged or if there are parts missing.
6. Do not use your product on the column if the surface is uneven or if the ground has a gradient of $> 5^\circ$.
7. Do not use your product if the wind speed exceeds 60 km/h (37 mph) except if you place 25kg of weight on the casing you can go up to 80 km/h (50 mph)
8. Be aware of local weather conditions and any changes in conditions, particularly in terms of wind speed. Set the height of the stand in accordance with these conditions.

RETAIN ALL THESE INSTRUCTIONS WITH YOUR PRODUCT

INSTRUCTIONS FOR USE

1. Store your Sirocco in a dry, well-ventilated area, away from heat sources and chemical products.
2. Ensure that the envelope is completely dry before putting it away.
3. Do not use chemical solvents to clean the envelope. Use mild soap and water, if necessary.
4. Protect the envelope by keeping it away from walls, projectiles, electrical wires, trees, animals, etc.
5. Do not modify the electrical components or the structure of the unit.
6. Do not use your Sirocco if the cable is damaged, twisted or tangled.
7. Take care to only operate the product when the filter is as clean as possible, and unobstructed. Any change in the colour or appearance of the filter means that it needs to be cleaned. Poor air intake increases the temperature of the air inside the balloon and shortens the life span of the electronic components.
8. Precautions must be taken when handling the product in its original packaging.
9. Take care not to allow the product to drop under its own weight when loading or unloading.
10. Any damaged or torn container must be replaced.
11. For long life duration, complete a discharge and charge cycle of your battery every three months.

IF ONE OR MORE OF THESE RECOMMENDATIONS ARE NOT FOLLOWED, THE PRODUCT WARRANTY WILL BE VOID.

HANDLING PRECAUTION AND PROHIBITIONS OF LITHIUM-ION RECHARGEABLE CELLS AND BATTERIES

Inaccurate handling of lithium-ion rechargeable battery may cause leakage, heat, smoke, an explosion, or fire. This could cause deterioration of performance or failure. Please be sure to follow instructions carefully.

1. Storage

Store the battery in an environment with low temperature, low humidity, no dust, and no corrosive gases. We recommend the following storage temperatures based on duration:

- Less than 1 month: -10°C to $+30^\circ\text{C}$.
- Less than 1 year: 0°C to $+30^\circ\text{C}$.
- For long-term storage: $+10^\circ\text{C}$ to $+25^\circ\text{C}$.

2. Safety precaution and prohibitions

■ Electrical misuseage

Use dedicated charger.

Use or charge the battery only in the dedicated application.

Don't charge the battery by an electric outlet directly or a cigarette lighter charger.

Don't charge the battery reversely.

■ Environmental misuseage

Don't leave the battery near the fire or a heated source.

Don't throw the battery into the fire.

Don't leave, charge or use the battery in a car or similar place where inside of temperature may be over 60°C.

Don't immerse, throw, wet the battery in water / seawater.

■ Others

Don't store the battery in a pocket or a bag together with metallic objects such as keys, necklaces, hairpins, coins, or screws.

Don't short circuit (+) and (-) terminals with metallic object intentionally.

Don't heat partial area of the battery with heated objects such as soldering iron.

Don't hit with heavy objects such as a hammer, weight.

Don't step on the battery and throw or drop the battery on the hard floor to avoid mechanical shock.

Don't disassemble the battery or modify the battery design including electric circuit.

Don't use seriously scared or deformed battery.

Don't put the battery into a microwave oven, dryer, or high-pressure container.

Don't use or assemble the battery with other makers' batteries, different types and/or models of batteries such as dry batteries, nickel-metal hydride batteries, or nickel-cadmium batteries.

[Warning !] Don't use or assemble old and new batteries together.

Stop charging the battery if charging isn't completed within the specified time.

Stop using the battery if the battery becomes abnormally hot, discoloration, deformation, or abnormal conditions is detected during use, charge, or storage.

Keep away from fire immediately when leakage or foul odors are detected.

If liquid leaks onto your skin or cloths, wash well with fresh water immediately. If liquid leaking from the battery gets into your eyes, don't rub your eyes and wash them with clean water and go to see a doctor immediately.

If the terminals of the battery become dirty, wipe with a dry cloth before using the battery. The battery can be used within the following temperature ranges. Don't exceed these ranges.

· Charge temperature ranges : 0°C / +45°C.

· Discharge Temperature ranges : -20°C / +50°C.

[Caution !]

■ Electrical misuseage

Battery must be charge with constant current-constant voltage (CC/CV).

Charge current must be controlled by specified value in Cell specification. Cut-off Voltage of charging must be 58.8V/cell. Charger must stop charging battery by detecting either charging time or current specified in Cell's specification.

,Discharge current must be controlled by specified value in Cell's specification. Cut-off Voltage of discharging must be over 39.2V/cell.

Keep the battery away from babies and children to avoid any accidents such as swallow. If younger children use the battery, their guardians should explain the proper handling method and precaution before using.

Before using the battery, be sure to read the user's manual and precaution of it's handling.

Before using charger, be sure to read the user's manual of the charger.

Before installing and removing the battery from application, be sure to read user's manual of the application.

Replace the battery when using time of battery becomes much shorter than usual. Cover terminals with insulating tape before proper disposal. If the battery is needed to be stored for an long period, battery should be removed from the application and stored in a place where humidity and temperature are low. While the battery is charged, used and stored, keep it away from object materials with static electric chargers.

3. Safety Handling Procedure for the Transporter

■ **Quarantine** : Packages that are crushed, punctured or torn open to reveal contents should not be transported. Such packages should be isolated until the shipper has been consulted, provided instructions and, if appropriate, arranged to have the product inspected and repacked.

■ **Spilled Product** : In the event that damage to packaging results in the release of cells or batteries, the spilled products should be promptly collected and segregated and the shipper should be contacted for instructions.

4. Design of positioning the battery pack in application and charger

To prevent the deterioration of the battery performance caused by heat, battery shall be positioned away from the area where heat is generated in the application and the charger.

5. Mandatory maintenance

When purchasing a 52V battery, please note that maintenance is necessary.

Here are a few tips on how to care for your battery :

■ Charge the battery as soon as you receive the product (even if the product is to be stored for emergency lighting).

■ Once recharged, perform an ignition test.

■ It is imperative to carry out a charge/discharge operation AT LEAST EVERY 3 MONTHS.

WARNING : perform this operation even if the balloon is not used regularly !

IF ONE OR MORE OF THESE RECOMMENDATIONS ARE NOT FOLLOWED, THE PRODUCT WARRANTY WILL BE VOID

THE CONSTITUENTS OF A SIROCCO PROPACK

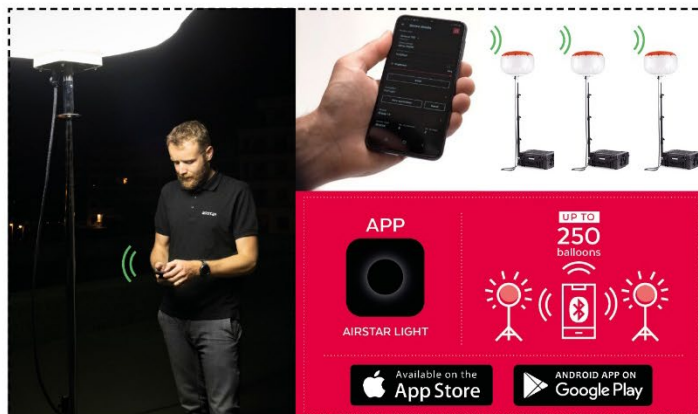


INSTALLING A SIROCCO PROPACK

WARNING

To ensure the rain and dust protection category, do not subject the connection to any forces that may bend it (for example, do not attach loads to the cable, do not coil up unused cable, etc.).

The power cord must be replaced in the event that any parts are broken or it is excessively worn.

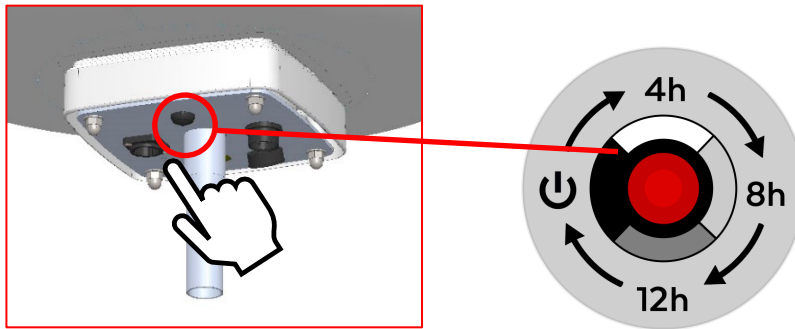


• Connecting the power cable restores previous animations or settings

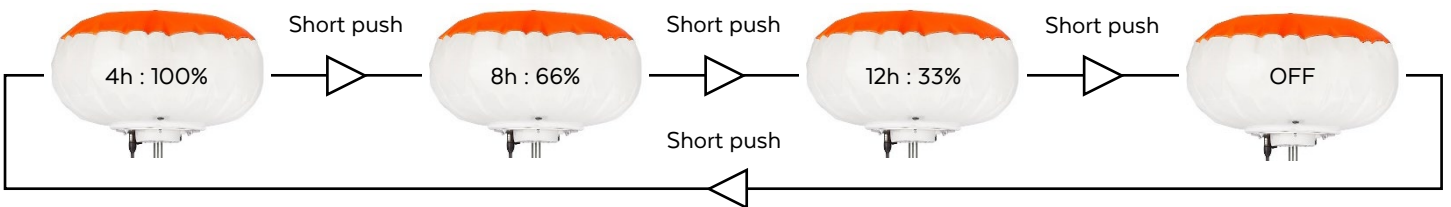
- Except if:
 - Light is at 0 % > light is restored at 10 %

Animation is Pulse or Beacon and frequency is at 0 % > light and frequency are restored at 100 %

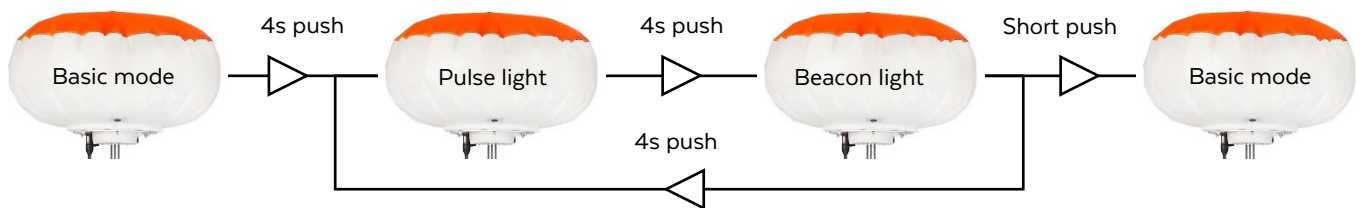
LOCAL CONTROL (BUTTON):



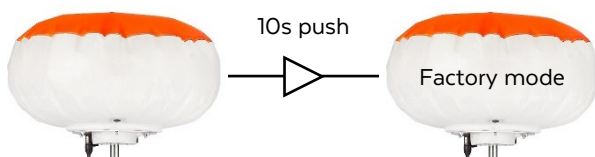
Basic mode



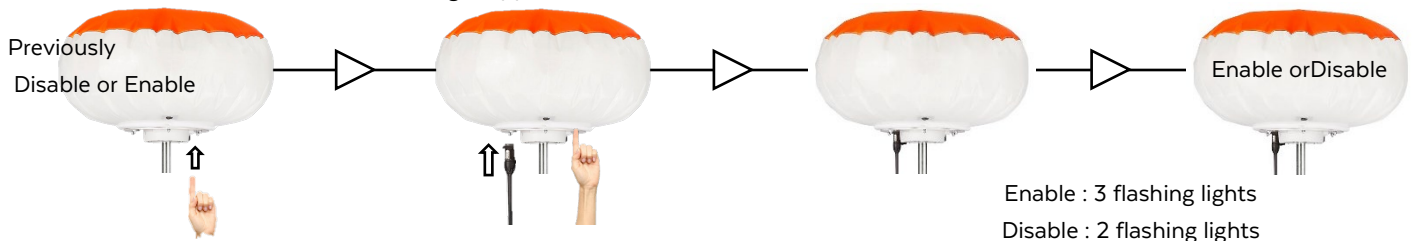
Animation mode



Factory reset



Disable/Enable remote control with the light app and Bluetooth connection



AIRSTAR LIGHT APP:

⇒ Use the AIRSTAR LIGHT app to control the light intensity and the animations (flashing, revolving light).

⇒ **PLEASE NOTE: CHANGE THE ADMIN AND USER PASSWORDS AND THE NETWORK NAME FOR SECURITY REASONS**

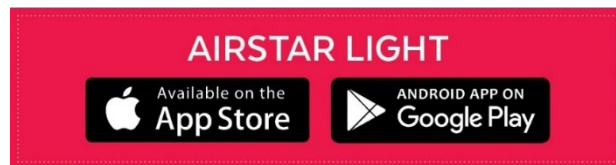
⇒ Passwords for first connection

✓ Admin: 1994

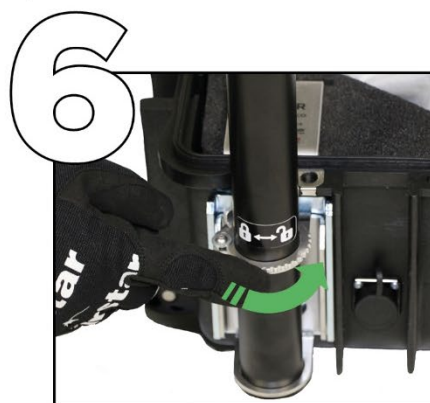
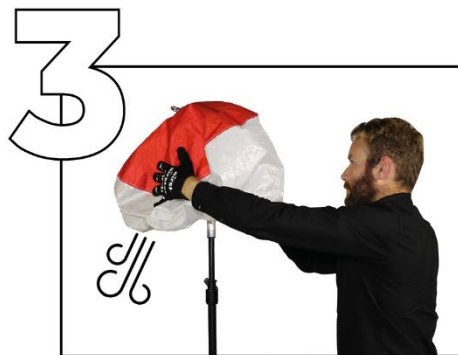
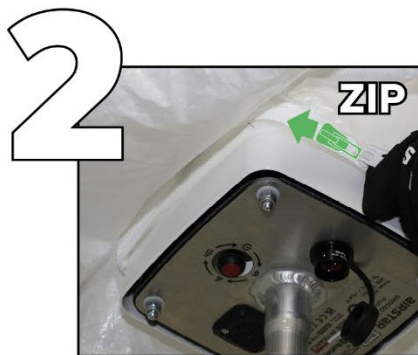
✓ User: 2020

⇒ Default network name: **AirstarNET2** (toothed wheel on the top left)

⇒ Default number of authorised users: 1 Max 5. Change this in Settings (⚙ on the top left of the main screen)

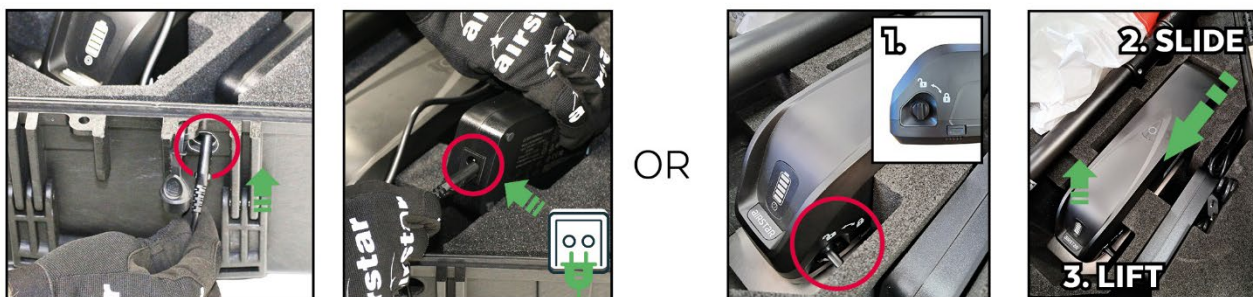


DEMONTAGE ET RANGEMENT D'UN SIROCCO PROPACK



USER'S GUIDE

BATTERY CHARGE TIPS



It is imperative to carry out a charge/discharge operation AT LEAST EVERY 3 MONTHS.

MAINTENANCE

LED MODULES

- ⇒ It is important to replace any damaged LED modules.
- ⇒ LED modules must be replaced in the AIRSTAR network - please contact your AIRSTAR retailer.

ENVELOPE

- ⇒ A damaged envelope must be immediately repaired or replaced.
- ⇒ Clean the envelope regularly with mild soap and water.

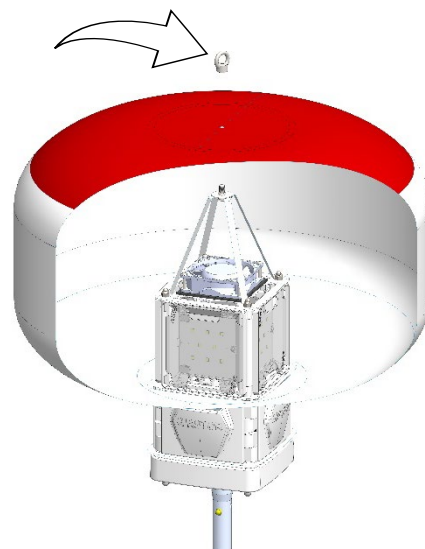
How to change an envelope

Removing the old envelope

- ⇒ Open the zip
- ⇒ Unscrew the nut on top of the envelope
- ⇒ Remove the envelope from the bottom up

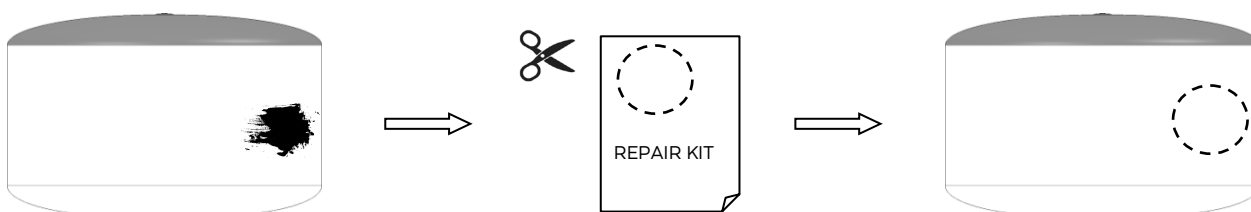
Install a new envelope

- ⇒ Place the new envelope over the top
- ⇒ Screw the nut on top of the envelope without tightening it.
- ⇒ Close the zip
- ⇒ Tighten the nut on top of the envelope



Sealing a hole

- ⇒ Take care to thoroughly clean the area that is to be repaired
- ⇒ Cut out a square or rectangle that is quite big, in order to cover the damaged part of the envelope with one or two sheets from the repair kit provided
- ⇒ Remove the protective film from the adhesive side of the piece of fabric.
- ⇒ Carefully place the piece onto the damaged part of the envelope, **on the inside and outside of the envelope.**
- ⇒ Apply a lot of pressure to the contact areas around the edge of the patch.



CLEANING THE AIR FILTER

- ⇒ Remove the air filter by sliding it along the stand.
- ⇒ Wash or replace the air filter.
- ⇒ Slide on the clean air filter.



WARRANTY

At AIRSTAR, we are very proud of our quality control and the reliability of our range of Sirocco products. However, we also understand that problems occasionally arise which need to be covered by the warranty. For this reason, we offer the following cover:

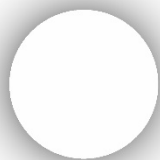
- Your Sirocco envelope is covered for **manufacturing defects during the first 2 years following the date of purchase.**
- The electronic and structural components of your Sirocco **are covered for manufacturing defects during the first 2 (two) years** following the date of purchase.
- In the event of a manufacturing defect or a potential warranty issue, contact your AIRSTAR authorised retailer to make a warranty claim.
 - Send your Sirocco unit (by land), together with a copy of your original receipt, to your AIRSTAR authorised retailer for a technical analysis.
 - The AIRSTAR technicians will decide whether your breakdown is covered by the warranty.
 - After your Sirocco is repaired, AIRSTAR will send it back to you, by land, at its own expense. (Express shipping is available for an additional charge).
- If the whole unit needs to be replaced, AIRSTAR must receive the original unit before shipping the replacement unit.

AIRSTAR cannot be held responsible for any misuse of the equipment by the user. Any use of the envelope or the electrical equipment other than that which is specified in this manual, or any use of unauthorised tools or components, is not covered by this warranty, and remains the sole responsibility of the user.

TECHNICAL CHARACTERISTICS

Non-contractual information provided for information purposes only, and which may be subject to change without notice.

	Main parameters	Units	Sirocco 300 ProPack
Power	Voltage range	V	48-52
	Overall performance	lm/W	138
	Overall energy consumption	W	145
Light	Luminous flux	lm	20,500
	Number of LED modules	-	4
	Power of LED module	W	35
	Colour temperature	K	5,000
	LED life span	hours	50,000
Other	Envelope diameter	cm / in	60 / 23
	Shape of the envelope	-	Cylinder
	Weight of the balloon	kg / lb	2.8 / 5.9
	Weight of the full product	kg / lb	22 / 48.5
	Operational temperature range	°C / °F	From -20 to +40 / From -4 to +104
	Storage temperature range	°C / °F	From -30 to +60 / From -22 to +140
Battery	Batterie type	-	Li-ion
	Battery nominal voltage	V	52
	Maximum discharge current (A	20
	Voltage (Vmax)	V	58.8
	Cycle Life @25°C	-	>1000
	Nominal capacity	Ah	16
	Dimensions	cm / in	36.8x12.8x9.1 / 14.2x4.7x3.5
	Weight	kg / lb	4.5 / 8.8
Charger	Input	VAC - Hz - A	100-240 - 50/60 - 2.5
	Output	V - A	58.8 - 2
	Temperature range	-	From -10 to +40 / From +14 to +104
	Protection modes	-	Over voltage, thermal, reverse polarity
	Charging time	H	8.5



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