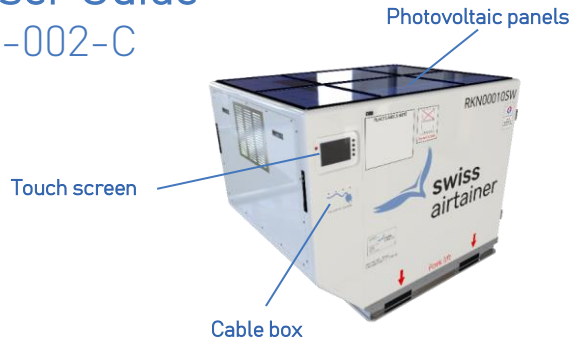


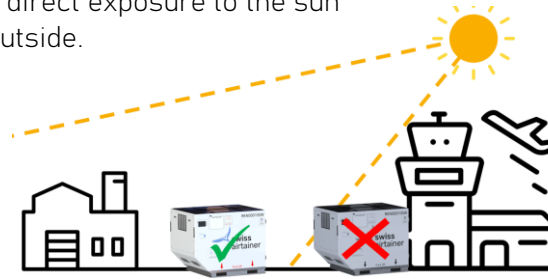
RKN Quick User Guide

0120-OT-C90d-002-C



Storage

Ensure direct exposure to the sun when outside.



Charging

! WARNING!

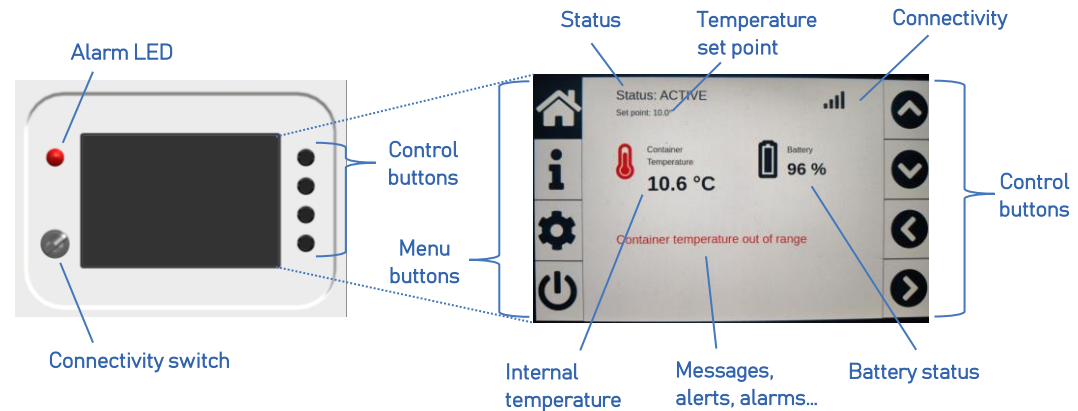
- Charging must never take place inside an airplane.
- Charging must not take place in a damp, moist environment due to risk of electric shocks.
- Check the cable for damages/abnormalities before using the cable and before connecting to an electric outlet.
- Check that the cable is not connected to an electrical outlet before moving the container and place it back in the cable box with all 6 adapters.



! CAUTION!

- When charging, always pull out the entire cable (5 m) to avoid overheating and ensure the cable does not have loop or knots.

Touch screen



Security Code





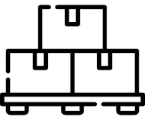


Add +1 to the displayed number (example: displayed 0123 → Code: 0124).

Temperature setting

1. Click on settings button
2. Click on unit to switch between °C and °F
3. Click on temperature set point
4. Enter the security code
5. Enter the temperature set point
6. Validate by pressing ✓

Turn on/off the container

1. Click on power button
2. A status message will show the current operational mode
3. Confirm the command by pressing ✓
4. Enter the security code

	<p>Starting</p> <ul style="list-style-type: none"> Press any button on the control unit (HMI) to start the temperature control system. On the HMI, press the  button and follow instructions.
	<p>Charging</p> <p><u>Inside</u></p> <ul style="list-style-type: none"> Connect the container to an electrical outlet. Verify that the HMI starts and ensure the charging icon is displayed. <p><u>Outside</u></p> <ul style="list-style-type: none"> During the day, place the container under direct sunlight exposure. Start the HMI and verify the solar charge from the main page.
	<p>Preconditioning</p> <ul style="list-style-type: none"> The container must be preconditioned prior to loading. The container can precondition the load if required. Set the temperature in the settings page on the HMI. Switch units from °C to °F on the settings page on the HMI.
	<p>Loading</p> <ul style="list-style-type: none"> Place the load on a pallet and secure it with shrink wrap or similar. Ensure airflow between load and floor, do not shrink wrap the pallet. Open the door and secure it with its hook. Place the load and secure it with the tie-down tracks. Close the door and ensure the correct position of the cams. Check that there is no alarm / alert on the HMI. Ensure a sufficient battery level before unplugging the cable. Ensure the cable and all 6 adapters are placed in cable box.
	<p>Handling</p> <ul style="list-style-type: none"> Move the container with a forklift from forward / aft sides. Aim for the fork pockets and do not push the container with a forklift. The container base must not touch the ground when moved. Comply with ambient limitations.
	<p>Storage</p> <ul style="list-style-type: none"> Do not stack any objects heavier than 400 kg on top of the container. When stacking, always use a wooden panel on the roof to protect the photovoltaic panels. Follow storage instructions. Comply with the ambient limitations.

Before flight

1. Check that the battery level is 90 % or above.
2. Check that internal temperature equals the temperature set point.
3. Check that there is no alert or alarms.
4. Check that the alarm led is off.
5. Check that the door is properly closed.

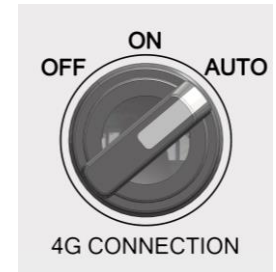
WARNING!

When the door is closed, make sure the 2 cams hooks the keepers.



CAUTION!

The connectivity switch **must always be set to AUTO**, inside **and** outside the aircraft.



Technical specification

Recharging electrical outlet	Grid: 100-240 VAC, 50-60 Hz Photovoltaic panels: 480 W
Maximum charging time	4 hours
External dimensions (LxWxH) SAE AS36100 K4	1'985 x 1'534 x 1'621.5 mm (78.1 x 60.4 x 63.8 in)
Tare weight	390 kg
Maximum load weight	1'198 kg
Operational temperature range	-30 °C to 55 °C (-22 °F / 131 °F)
Storage temperature range	-25 °C to 50 °C (-13 °F to 122 °F)