

## General information about installation and the product

Please read this manual carefully before installing and commissioning the product. Failure to follow the safety instructions may result in serious injury or property damage.

**⚠ PLEASE NOTE:** BauWatch is not liable for damage resulting from improper use or disregard of safety instructions.

## Installation information

- // Before you begin, carefully read the **Safety Instructions** in this document.
- // Follow the installation and commissioning steps as described later in the manual.
- // If you have any questions or concerns, please contact your BauWatch representative.

## Product information

- // Power supply: This product is powered by solar panels with the support of a fuel cell.

**⚠ PLEASE NOTE:** This product contains **Methanol**. Please read the safety instructions in this document.
- // Lightning: This product is equipped with infrared lightning that is invisible to the human eye, additional lighting is not required.
- // Earthing: This product is not connected to shore power and therefore not connected to earth. If earthing is required at high-risk locations, BauWatch must install an additional earthing cable at an approved earthing point provided by the customer.
- // Measurement in transport mode:  
Size in cm 115 x 115  
Weight in kg 725  
Height in cm 270

## EC or UK Declaration of conformity:

 A product-related EC (CE) or UK (UKCA) declaration of conformity is available on request. Please contact your BauWatch representative for more information.

# How to install or relocate a BauWatch Solar 3 tower



## Safety instructions

Always wear the following personal protective equipment when working on the mast:



Safety helmet



Safety shoes



Protective gloves



Eye protection



Ear protection



Safety vest

### ⚠ WARNING

- In wind force 9 or higher, the mast must be retracted (RISK OF ACCIDENTS)!
- It is prohibited to work on or in the immediate vicinity of our tower systems during thunderstorms or storms!
- It is prohibited to work on or in the system cabinets in the tower and/or on the tower top end. This may only be carried out by authorised Bauwatch personnel!
- It is prohibited to attach third-party products to the towers!
- Do not smoke near our solar products when the doors are open!
- Ensure that the four support legs do not protrude onto the roadway and secure them correctly!
- Do not force doors or covers open!



### DANGER: this product contains Methanol

#### METHANOL

(UN3473 / UN1230)



Flammable



Toxic



Health Hazard

HIGHLY FLAMMABLE LIQUID AND VAPOR,  
TOXIC IF SWALLOWED, TOXIC IF  
INHALED, CAUSES DAMAGE TO ORGANS

Be extra alert when the following icons are displayed:



#### Warning of fall hazard

You may need to work from an elevated position using an aid. There is a risk of falling.



#### Warning of sharp objects

You may come into contact with sharp or pointed objects or corners. There is a risk of puncture wounds and cuts.



#### Warning of hand injuries

There is a risk of injuring your hands through crushing.



#### Warning of hazards when charging batteries

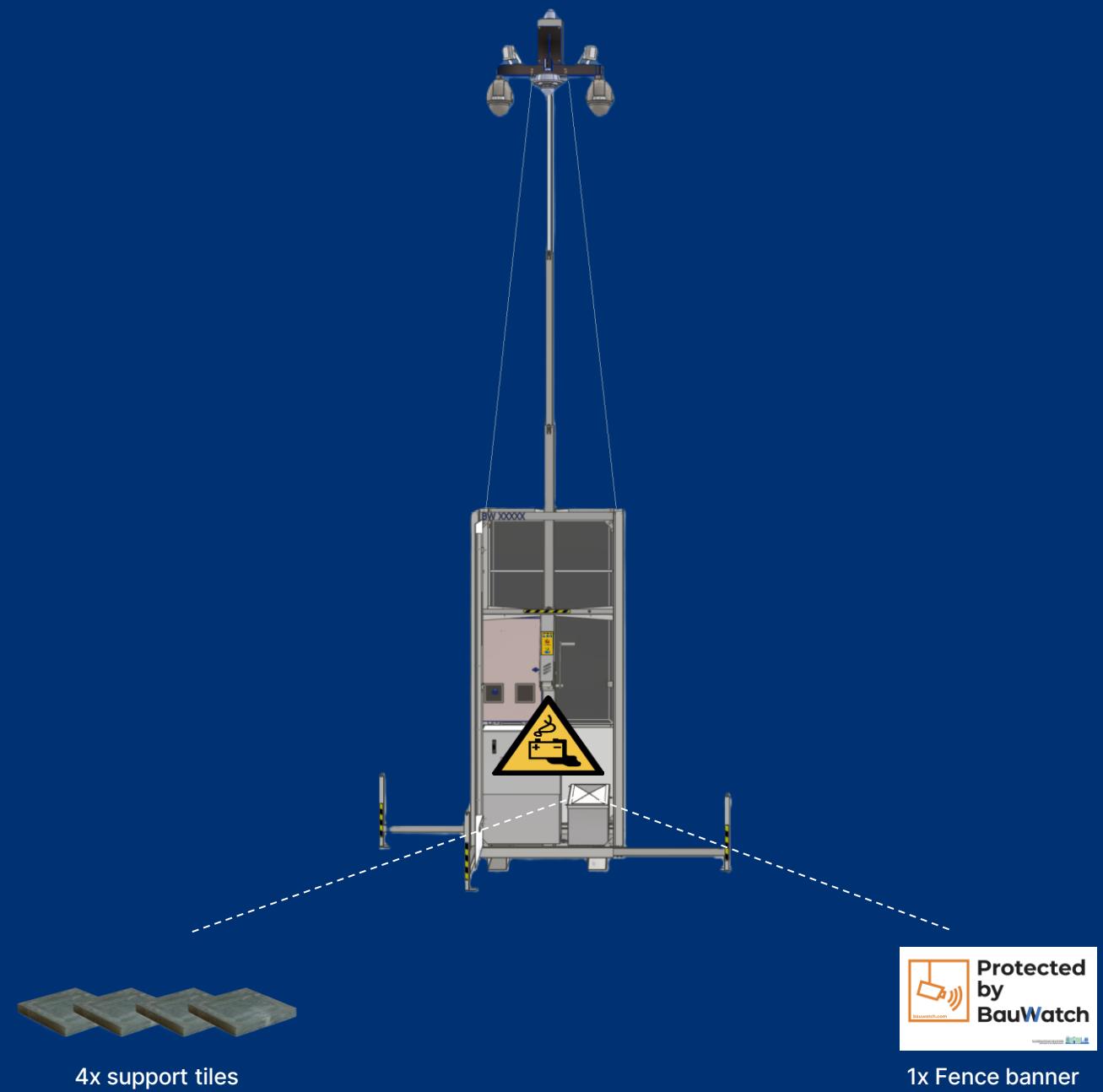
Gas-air mixtures (known as oxyhydrogen gas) may be produced, which are potentially explosive. Avoid sources of ignition and ensure good ventilation.



#### Warning of electrical voltage

There is a risk of exposing the body to electrical voltage, which can be potentially hazardous to health or life-threatening.

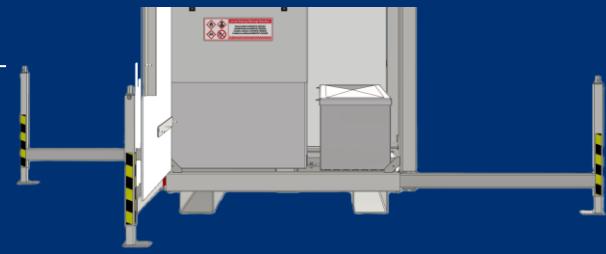
## Required equipment (Inside the battery compartment)



## Additional tool required

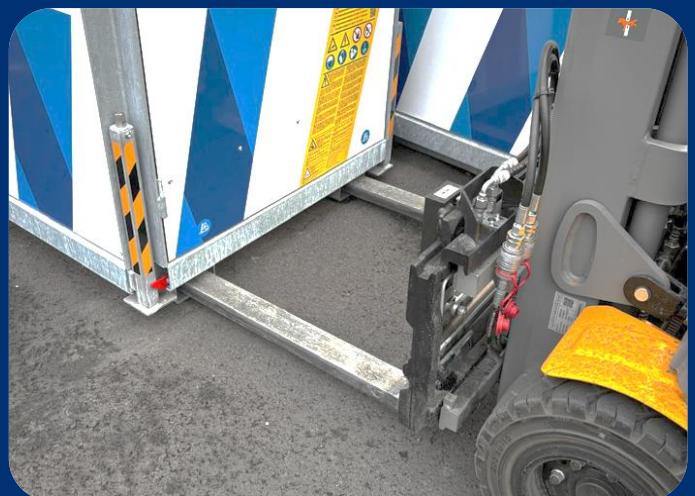


(socket) ratchet spanner 19 mm  
(To adjust the support legs for levelling)



# BauWatch

## Transporting with a forklift



1. Always use the sleeves for the forks of the forklift truck.



2. Tilt the tower backwards when transporting it with the forklift truck.

## Transporting with a crane on a truck



3. Use an approved lifting chain (minimum 2-leg) crosswise to hoist the tower. Use the hoist-eyes.



4. Position the stakes to prevent sliding.



5. Secure the tower using a lashing strap, taking care to ensure that the frame does not bend.



6. Secure the excess length of the lashing strap.

# BauWatch

## Preparation for the installation of the tower

To enable smooth operation and avoid false alarms and safety problems, correct installation is an important first step in project realization. The following points contribute to this:

- // Position according to projection, if available.
- // Do not place towers on containers or roofs
- // Place the tower on a stable and firm surface to prevent excessive wobbling of the tower.
- // Position the tower with the door facing north for optimal solar energy (see image below).
- // Clean the lenses thoroughly if necessary.
- // Avoid fluttering objects in the image (bushes, tarpaulins, etc.) if possible.
- // Avoid reflective surfaces in the image (water, glass, etc.) if possible.
- // Avoid possible glare in the camera (headlights, cars, etc.) if possible.
- // Avoid placing towers next to steep slopes.

### ⚠ PLEASE NOTE:

- Position the tower with the door facing north for optimal solar energy.
- Please do not place it in the shade.



**Please contact the BauWatch service desk before commencing work on the tower:**



**+353 62 21234**

Please have your customer details ready, along with the BW number (top left of the door).

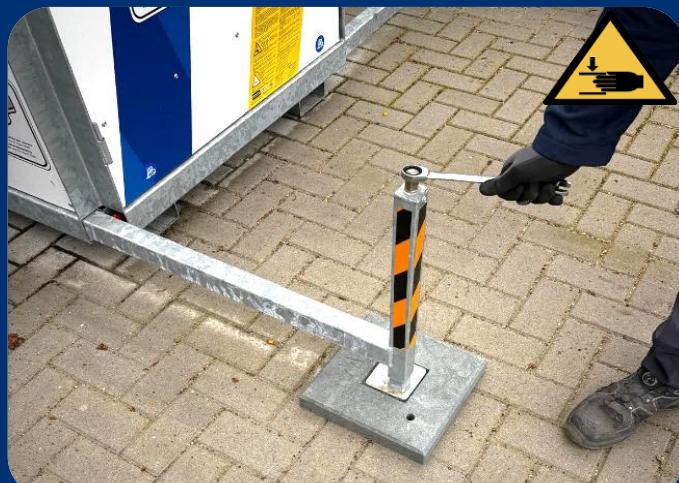
## Install & commission the Solar 3 tower on site



1. Position the tower with the door facing north; a compass app can help with this.



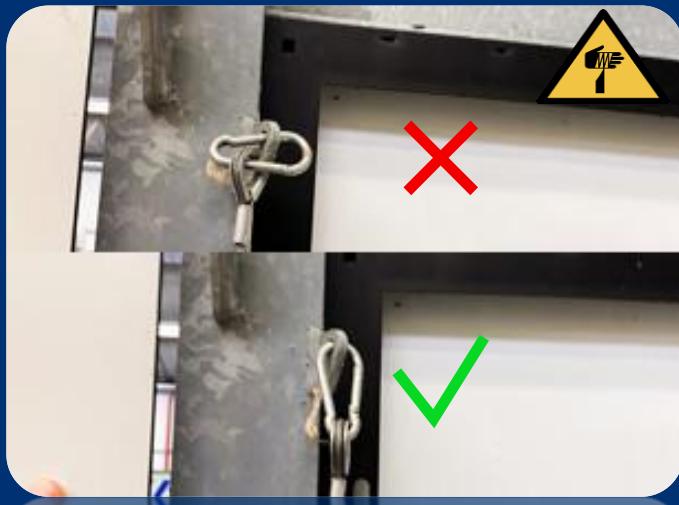
2. Turn the red lock upwards to pull out the support legs.



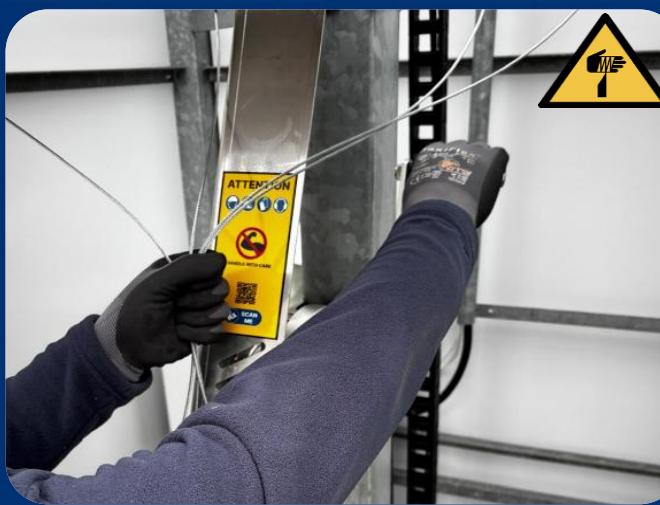
3. Pull the support legs out and place a tile underneath. Use the 19 mm spanner to unscrew the legs. Use this to level the tower.



4. Turn the infrared lights in the direction of the viewing angles to be monitored.



5. Before raising the mast, check that the hooks of the guy wires can move freely in the hole.



6. Hold the guy wires loosely and guide them as you raise the mast. Make sure that the guy wires do not get caught on anything.



7. Before the mast is fully extended, check the hooks again to ensure they are still secure.



8. Extend the mast fully until the guy wires are taut. **Please note:** do not turn it with excessive force!



9. First contact the BauWatch service desk (see below) to activate the tower before placing the padlock.

**Please note:** keep the key in a safe place!

**Please contact the BauWatch service desk for activation:**



**+353 62 21234**

**Please have your customer details ready, along with the BW number (top left of the door).**



[bauwatch.com](http://bauwatch.com)