

# ennos sunlight pump best practice

The high performance of the sunlight pump relies on proper treatment of the pump. Abusive use leads to inferior performance and may destroy the pump and void the warranty. Please read the user manual, consult the quick guide and comply with the following instructions.

## Dos



Follow these guidelines to use the sunlight pump to its full potential

- ✓ Protect the sunlight pump from direct sunlight by putting it in a place where it is shaded throughout the day (e.g. underneath the panel)
- ✓ Fill the sunlight pump with water before connecting the water hose (priming)
- ✓ Protect the sunlight pump from rain, splashing water and running water
- ✓ Call a technician if you experience any problems or if you want to change the location or setup of the sunlight pump installation



## Don'ts



Avoid these harmful practices to protect the sunlight pump and its components

- ✗ Do not submerge the sunlight pump into water
- ✗ Do not pump dirty water – build a suction pit and use a strainer
- ✗ Do not open any parts of the sunlight pump, as this will void the warranty. In case of a problem, call the technician
- ✗ Do not drop the sunlight pump or hit it with sharp and/or heavy objects

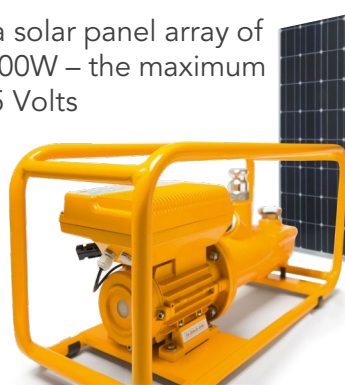
## sunlight pump

## solar panels

- ✓ Ensure that the panel is well installed and cannot be blown away by heavy wind
- ✓ Clear the vegetation around the solar panel regularly so there is no shadow on any part of the panel
- ✓ Clean the solar panels regularly for full performance using just water and a non-abrasive sponge
- ✓ Let our official distributors design and install your solar panel array



- ✗ Do not drop the panels or hit them with sharp and/or heavy objects
- ✗ Do not use the sunlight pump with solar panels and cables other than specified in the user manual
- ✗ Do not use a solar panel array of more than 500W – the maximum voltage is 65 Volts



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## Dos



Follow these guidelines to use the sunlight pump to its full potential

- ✓ Verify there is no leak on suction side as this will reduce pump performance and may damage the pump by cavitation
- ✓ Clean the strainer regularly to improve performance and avoid damage
- ✓ Verify there is no leak on pressure side to avoid water loss
- ✓ Recheck that there are no leaks when increasing the head
- ✓ Consult the technician who installed the pump when increasing suction hose length and depth

## Don'ts



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### hoses



- ✗ Do not use anything but the camlock connectors provided by your distributor to connect the hoses to the pump
- ✗ Do not use anything but high-quality clamps to secure the camlocks to the hose
- ✗ Avoid folds in the hose
- ✗ Do not use pipes smaller than 1¼" as it would reduce pump performance. If the distance is above 100m, use 1½" pipes

### cables and MC4 connectors

- ✓ Protect the cables from damage by animals
- ✓ Connect MC4 connectors male to female until you hear a "click"
- ✓ Use the provided tool for disconnecting the MC4 connectors
- ✓ In case of several cable connections: make sure all are done with MC4 connectors



- ✗ Do not connect MC4 connectors with force, check visually that you are inserting them properly
- ✗ Avoid dirt getting into the MC4 connectors, clean them with a cloth or brush

