

# Ready for a solar-powered submersible pump with an edge?

Tap into ultimate renewable performance with the Grundfos SQFlex

Looking for solar efficiency that maximizes domestic water supply and ensures livestock have water, while helping to decarbonize your operation? Then the Grundfos SQFlex submersible pump is for you.

The SQFlex is compatible with solar, wind and combination systems. Its built-in features convert solar power more efficiently, which also helps minimize operating costs. The result of 40+ years of solar technology expertise, the SQFlex requires fewer solar panels than its competitors to produce the same water output.

Ideal for rural areas with no access to the grid, you can use the SQFlex on farms, in lakes and even for domestic use. The SQFlex always comes with access to Grundfos' global expertise and local support service.

## 4 ways the SQFlex gives you an edge

- ✓ **Runs off AC or DC power**  
The SQFlex's motor can operate on AC or DC power depending on needs.
- ✓ **Requires fewer solar panels**  
Leading MPPT systems ensure the maximum amount of water is produced from irradiation, reducing the number of solar panels needed.
- ✓ **Easy and fast installation**  
Compact, light, and easy to transport, SQFlex makes installation quick and easy.
- ✓ **Global expertise and local support**  
The SQFlex is backed by Grundfos global expertise and local support service from specification to installation and beyond.

# Leading solar technology packed into one pump

## Wide voltage range

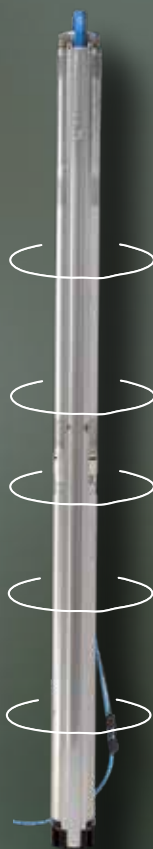
Increase lifetime by minimizing winding temperature. Voltage range is 30VDC to 300VDC and automatically adjusts to protect the motor.

## Overload protection

The SQFlex stops if the supply voltage increases or decreases beyond the accepted voltage range and restarts when the range returns to an acceptable level.

## Dry run protection

Built-in motor electronics automatically detect a dry run and stop the pump running.



## Soft start

Prevents overloading mains power with a low starting current and smooth, steady acceleration.

## Temperature protection

Measures the temperature of the water via a sensor to protect the pump from overheating.

## When choosing the Grundfos SQFlex, you get performance excellence

The Grundfos SQFlex submersible pump is packed with features that together deliver excellent solar-powered performance by ensuring reliability, safety, and cost-efficiency.

## Use it for:

- Off-grid water supplies
- Livestock watering
- Water supplies for homes and communities
- Small irrigation systems

Find your edge at  
[grundfos.com/edge](https://grundfos.com/edge)

**GRUNDFOS** 

Possibility in every drop