

Grundfos SQFlex Solar Water Pumping Systems

The very existence of people, livestock and crops depend on a plentiful supply of clean water. SQFlex is more than just a pump - it's a complete system. SQFlex is delivered as a plug-and-go solution complete with SQF submersible pump, controller and panels. Where water is scarce and the power supply nonexistent, or unreliable, the innovative, state-of-the-art SQFlex systems provide water to wherever an independent pumping system is required. Tell us where you are located, your water table depth and estimated water needs, and we can tailor the system to match your application and local conditions. The SQFlex pump range consists of 10 different pump sizes: 4 helical rotor pumps for medium to high heads and low to medium flows, and 6 centrifugal pumps for shallow heads and high flows

With the SQFlex pump range and a solar array, all you need to do is add water. A generator, or battery backup system, can be added to take over if you need to pump water at night or for prolonged cloudy periods. Additionally it's exceptionally easy to install, operate and maintain. With SQFlex, you can have water whenever and wherever you need it. It's as simple as that!

System Examples:

System 1

1 x 190 Watt panel
SQFlex submersible pump (316 Stainless Steel)
IO101 Controller (which allows for generator backup)
10m solar cabling
10m pump cabling
Roof mount framing

This system will yield approx

12,000 litres per day @ a 10m head or
1,000 litres per day @ a 100m head.

System 1 Cost: \$5,600

System 2

4 x 190 Watt panel
SQFlex submersible pump (316 Stainless Steel)
IO101 Controller (which allows for generator backup)
10m solar cabling
10m pump cabling
Roof mount framing

This system will yield approx
70,000 litres per day @ a 10m head or
9,000 litres per day @ a 100m head.

System 2 Cost: \$7,500

System 3

8 x 190 Watt panel
SQFlex submersible pump (316 Stainless Steel)
IO101 Controller (which allows for generator backup)
10m solar cabling
10m pump cabling
Roof mount framing

This system will yield approx
118,000 litres per day @ a 10m head or
11,500 litres per day @ a 100m head.

System Cost 3: \$10,000

These systems are examples only, quoted for the NSW Northern Rivers area. For a system price to suit your application please complete our online pumping form, or the printable version (both on our website) and return it to Rainbow Power Company and we will design a system for you.



GRUNDFOS®



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