



GRUNDFOS 



Grundfos 3A-10 Centrifugal Solar Pump

The 4" SQF centrifugal pump is for low heads and large flow rates.

Run on DC/AC power making them very flexible.

The SQFlex system has a wide voltage range, built-in maximum power point tracking (MPPT) as well as dry-running.

With It's flexible energy supply and performance, the SQFlex system can be combined and adapted to meet any need on the installation site.

The SQFlex system is a reliable water supply system based on renewable energy sources, such as solar and wind.

Water production, Peak flow and Price

Supply water to 600 heavy beef cattle in summer

Month for sizing: January

Total pumping head: 40 meters

Avg. water production per day: 26.9 m³/day

Water volume (max): 33 m³/day

Max Flow: 4.4 m³/h per hour

Solar array rated power: 2.22 kW

Needs 50mm + pipe size

Starting Price: \$ 14,000 + gst
2 year Warranty

Included in our package deal.

On site installation and assessment.

3A 10 Grundfos pump.

CU 200 pump controller.

Conduit for power cable

Solar panels.

Ground mounting Kit.

Power cable.

Fuse box and DC switch.

Pump 2 year warranty.

Solar panels 10 year warranty.

Pipe fittings for connection to main line.

Because all farms are different we will most likely do a custom quote designed to your farming needs so prices may vary.

Flow rates are an estimate due to water pipes and sun hours.