

NO MORE ELECTRICITY BILLS

Installing a solar water pump is a big step towards a cleaner, safer and a better environment.



BE AN INSTRUMENT OF CHANGE AND HELP REDUCE GLOBAL WARMING!

Workable solutions for remote water supply:

Aurore provides varied solutions for water delivery in remote areas, which conventional water supply systems fail to address. By opting for the solar pump you contribute to society, the environment and your business.

Turn harsh conditions to your advantage:

Instead of working against nature, use the sun to create power for your water supply, delivered at your doorstep. Reduce the labour of fetching water daily and free up time for self progress. With Aurore systems you can rely on solar energy all year round.

Focus on life cycle costs:

The total cost of owning a pump system over its entire life goes beyond just its purchase price! The life-cycle costs of a solar pump system will be lower than other water supply systems in the long run, due to reduced energy and maintenance costs

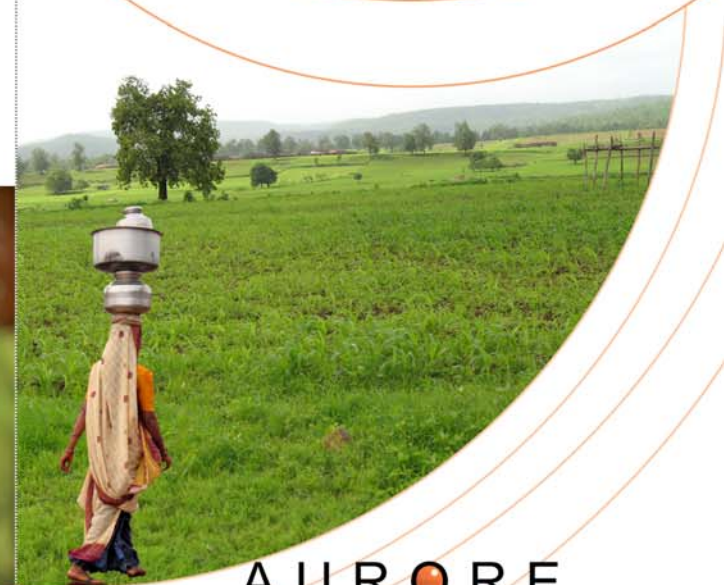
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Represented by :

Solar Water Pumps

Start Living Light



AURORE
Auroville Renewable Energy



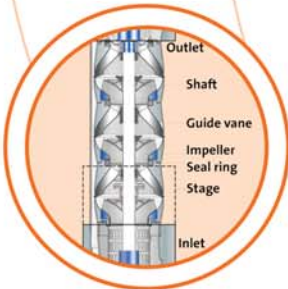
RUNS ON ANY VOLTAGE
Motor operates between 30-300V DC or 90-240V AC.



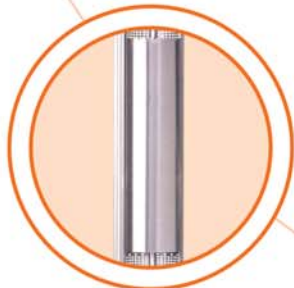
EASY SERVICING
Pump and motor can be replaced or serviced independently of each other.



DRY-RUN PROTECTION
This protects the motor from burning out.



CENTRIFUGAL PUMPS
This technology enables high flow rate in shallow water conditions.



PUMP CASING
Made of tough stainless steel for long pump life.

ADVANTAGES:

- ↳ Reliable water supply
- ↳ Complete plug-and-go-system
- ↳ Low maintenance
- ↳ Cost-efficient pumping
- ↳ Easy installation
- ↳ Expansion possibilities



Aurore Solar Water Supply Packages is a complete system ready for installation.

- The standard package contains:
- Solar submersible pump
 - Solar panels tracking & support structure
 - Cable kit
 - Plumbing

We provide a range of submersible centrifugal solar pumps, each fitted with a high-efficiency motor for DC or AC voltage. This makes pump sizing easy.

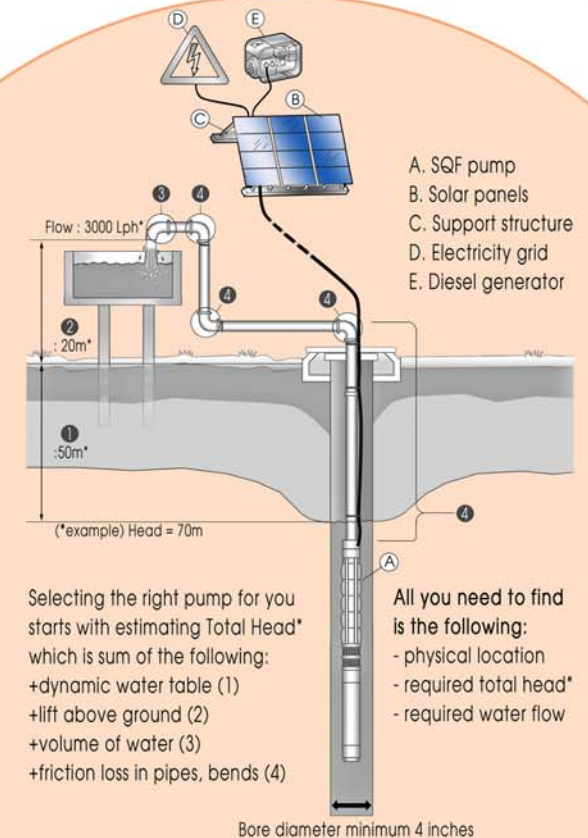
The solar panels are designed especially for SQflex pump motor unit.

Intelligent control units make changing between power supplies - like fuel-generator, electricity grid or wind turbine - very easy.

The power output of the Solar panels when not in use for pumping can charge battery backup for lighting and other home needs. Contact Aurore for the installation and technical specifications.

Pump model	Power range (watts)	Flow range (Lph)	Head range (Mts)
SQF 11A - 3	210 - 1350	8000 - 15000	2 - 15
SQF 8A - 5	210 - 1300	3000 - 7000	2 - 30
SQF 5A - 6	210 - 1350	3000 - 7000	10 - 30
SQF 3A - 10	210 - 1400	500 - 3000	30 - 70

Typical solar pump installation



Selecting the right pump for you starts with estimating Total Head* which is sum of the following:
 +dynamic water table (1)
 +lift above ground (2)
 +volume of water (3)
 +friction loss in pipes, bends (4)

All you need to find is the following:
 - physical location
 - required total head*
 - required water flow

Bore diameter minimum 4 inches