

WHOLESALE SOLAR PUMP QUESTIONNAIRE

Name _____

Address _____

City, State, Zip _____

Phone _____

Email _____

Describe the pump's water source (river, pond, cistern, well)

Pump System's nearest city location of US zip code

Not US? Then where?

What is the water to be used for? (agriculture, livestock, household)

How many average gallons per day do you require?

Do you need more water in summer or winter? Describe any seasonal variation in water requirements.

Is there a pump already in place?

If there is a pump already in place then describe it.

Describe your on-site water storage. (water tank, pressure tank, none)

Does your pump need to run at night?

No

Yes

If yes, describe.

Does the pump also need to run on AC power (generators or utility power)?

TOTAL HEAD

If you have a well, then describe your well and borehole.

Well depth in feet (m)

Well static water level in feet (m)

Well casing's inside diameter in inches (cm)

If you need a surface pump,

What is the suction lift in feet (m)? (Vertical distance from water level to inlet of pump.)

ALL PUMP SYSTEMS

Water Source recovery rate GPM (LPM)

Vertical lift in feet (m) from ground level to point of storage or delivery?

Horizontal distance from the water source in feet (m) to the point of storage or delivery?

Pipe diameter in inches (cm) (If horizontal distance is greater than 0)

Type of pipe? (if horizontal distance is greater than 0)

OTHER

Does the water need to be pressurized?

If so, what is the Pounds per Square Inch (PSI)? (40 PSI is typical city water pressure.)

Useful information

Metric Conversion

1 liter = .2642 US gallons

1 meter = 3.28 feet

1 cm = .3937 inches

Estimated Daily Water Usage

People: 10 – 100 gallons per day

Cattle: 10 – 30 gallons per day in dry weather.

Small animals: .01 gallon per day per pound

Poultry 6 – 12 gallons per day hundred birds

Young trees: 15 gallons per day in dry weather.

Water pressure

1 pound/square inch (PSI) = 2.31; of lift

Typical city water pressure is 40 PSI

FAX WHOLESALE SOLAR: (530) 926-1162

FOR QUESTIONS CALL 800 / 472-1142