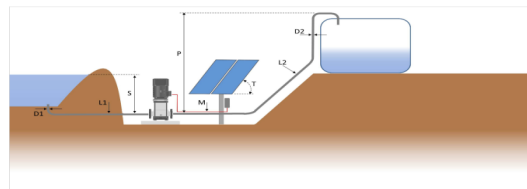
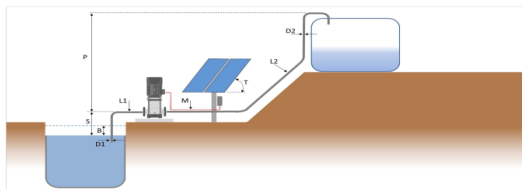


LESP - Surface Solar Pumps

SOLAR PUMPS & SOLARIZING EXISTING SURFACE PUMPS



| QUESTIONS FOR SIZING AND PRICING NEW "SURFACE" SOLAR PUMPS | PUMP 1 | PUMP 2 | PUMP 3 | PUMP 4 |
|---|--------|--------|--------|--------|
| 1.- Country? | | | | |
| 2.- City? | | | | |
| 3.- Altitud? | | | | |
| 4.- Motor Cable (feet)? | | | | |
| 5.- Do you prefer POLE MOUNT (PM) or TRACKER (T)? | | | | |
| 6.- Water Temperature? (Degrees Farenheit) | | | | |
| SURFACE SOLAR PUMP DISCHARGE SIDE | | | | |
| 7 a.- Dynamic Head (feet)? If you would prefer to use Dynamic Measurement or | | | | |
| 7 b.- Static Head (feet)? If the Static Measurement is preferred | | | | |
| Pipe Length (feet)? | | | | |
| Pipe Type? (please describe pipe type: Plastic, Steel, etc) | | | | |
| SURFACE SOLAR PUMP SUCTION SIDE | | | | |
| 8 a.- Suction Head (feet)? or | | | | |
| 8 b.- Positive Inled Head (feet)? | | | | |
| Pipe Length (feet)? | | | | |
| Pipe Type? (please describe pipe type: Plastic, Steel, etc) | | | | |
| SUBMERSIBLE SOLAR PUMP OUTPUT REQUIREMENTS | | | | |
| 9.- Daily Output Requirements? (Gallons per Day) | | | | |
| 10.- Sizing ? (Please select one of the following options) | | | | |
| Average Month | | | | |
| Month with Most Output | | | | |
| Month with Least Output | | | | |
| Custom Season | | | | |
| Defined Solar Day (provide an specific KWh/Sq meter) | | | | |
| Driest Month | | | | |
| 11.- Flow Rate Limit in USG/day ? (If the customer emphasize a FLOW RATE LIMIT to be used) | | | | |
| 12.- Will the Pump be used only during daylight hours? (i.e., between 6am and 6pm)? YES or NO | | | | |
| If it is going to be used during daylight hours (i.e., between 6am and 6 pm), please specify from what time to what time | | | | |
| Please specify days during the week, or if it going to be 7 days per week (i.e., Monday to Sunday) | | | | |
| Please specify months during the year (or all 12 months) | | | | |
| 13.- Will the Pump be used during night time hours or darkness? (i.e., between 6pm and 6am)? YES or NO | | | | |
| If it is going to be used during nighttime hours (i.e., between 6pm and 6 am), please specify from what time to what time | | | | |
| Please specify days during the week, or if it going to be 7 days per week (i.e., Monday to Sunday) | | | | |
| Please specify months during the year (or all 12 months) | | | | |
| ADDITIONAL QUESTIONS IF THE CUSTOMER OBJECTIVE IS TO SOLARIZE EXISTING SUBMERSIBLE PUMPS | | | | |
| How many Hp (Horse Power) or KWp has each of the current pumps? | | | | |
| What Voltages could be handled by each of the current pumps? (i.e., 230Vac?, 460Vac? Or other) | | | | |



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