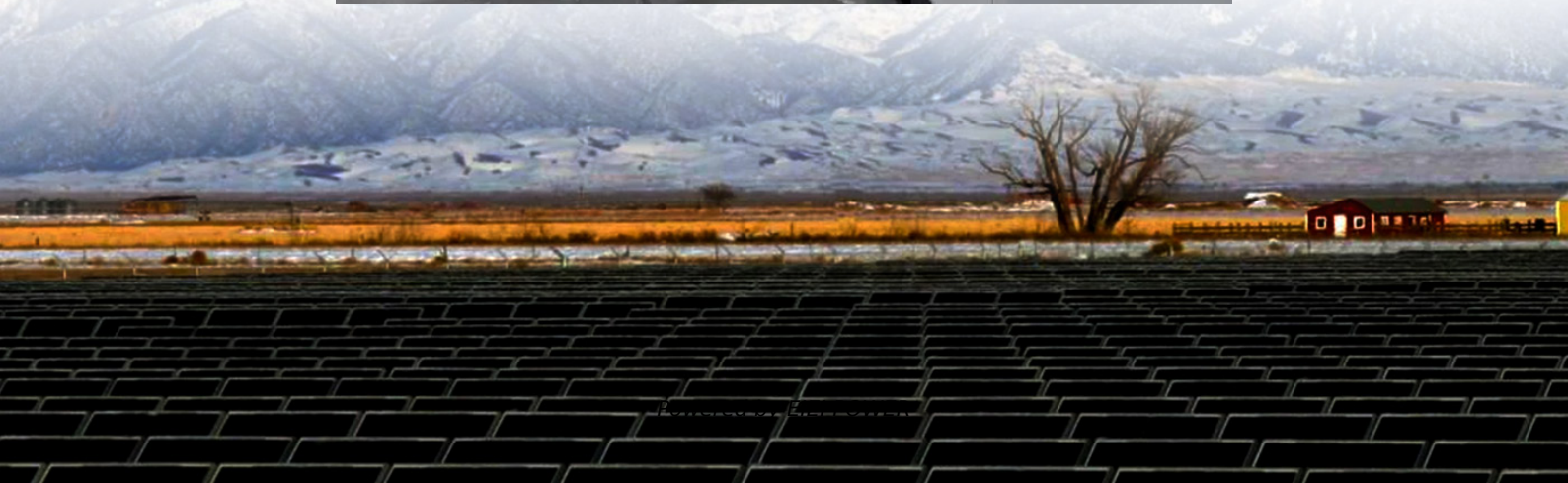


# How big a water pump is needed for solar water discharge





## Overview

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What is a solar water pump sizing calculator?

This article delves into the intricacies of sizing a solar water pump, presenting a calculator designed to ease the process. A solar water pump sizing calculator is an indispensable tool used to determine the required power for a solar pump, based on specific parameters such as flow rate, total dynamic head, and water density.

How do I choose the right solar water pump size?

Discharge head is how high the water needs to go. Getting the TDH right is key to picking the right pump size. Think about how you plan to use the solar water pump. Consider the water source, where it will go, and any special needs you have. This helps pick the right pump capacity and power for your situation.

How much power does a solar water pump need?

Assuming the water density remains consistent at 1 kg/L, using the provided formula, the power requirement would be 735.75W. The solar water pump sizing calculator proves invaluable across a variety of domains, ensuring pumps operate efficiently while optimizing energy consumption.

What information do I need to size a solar pump system?

The generated PDF is a great way to share your selection with colleagues or clients. That just about covers it. In short, all the information we need to size a solar pump system at Grundfos.com is the project's location, the flow per day, the static lift and the dynamic water level.



## How big a water pump is needed for solar water discharge



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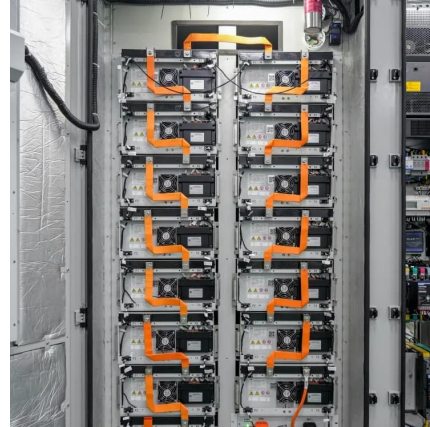
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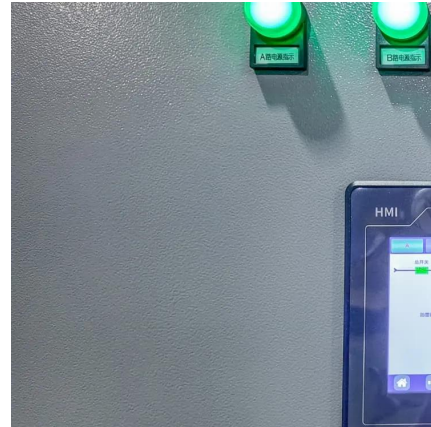
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