

# **Solar Pumping Station Circulation System**





## Overview

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What is a solar pump station?

These solar pump stations are used on the solar loop of a solar thermal system to circulate the heat transfer fluid through the array. They are also used to control the temperature in your solar storage tank. The pump inside the solar pump station is activated by a signal from a solar differential controller.

How does a solar pump station work?

The pump inside the solar pump station is activated by a signal from a solar differential controller. The dual pump station (shown on left) contains both a flow and return connection, and are widely used on most solar thermal systems. A single line return connection pump station is also available.

How can bes help you get the solar pump stations you need?

With the option to quick shop over 15,000 products currently in stock and free delivery on qualifying orders, we want to make it as hassle-free as possible to help you get the solar pump stations you need. BES supplies pump station products such as solar system circulating units, drain units and sensor accessories for the pump station.

What is a circulation pump?

These pumps are included in our solar water heating packages, and are used to circulate heat transfer fluid in the primary or secondary solar hot water loops. We have a number of circulation pump solutions for all types of applications, from single family home hot water systems, to industrial heating and air conditioning systems.



## Solar Pumping Station Circulation System

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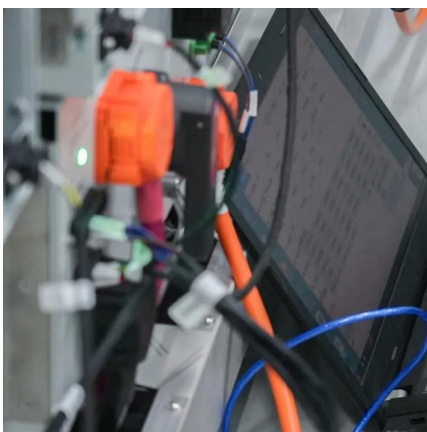


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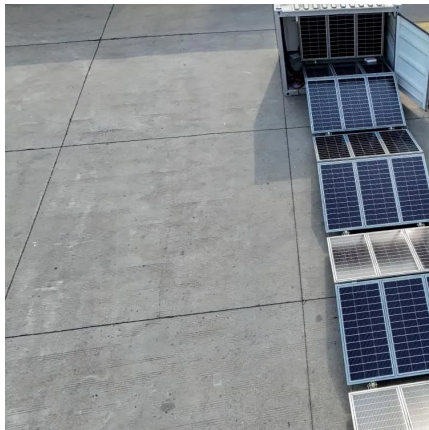


pumping systems to address the challenges of ...



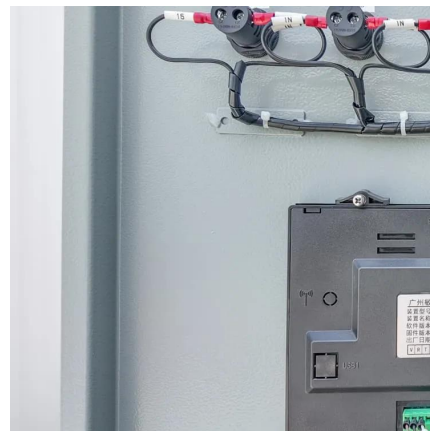
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A solar water pumping system consists of three major components: the solar array, pump controller and electric water pump (motor and pump) as shown in Figure 1. Note: Motor and ...



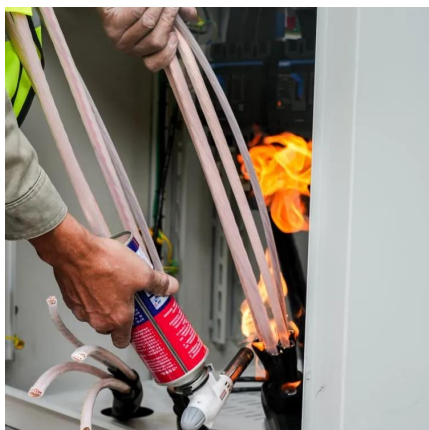
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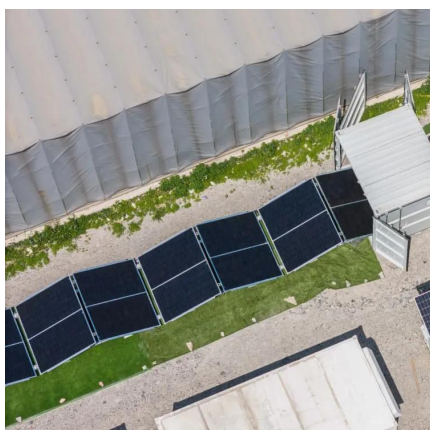
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