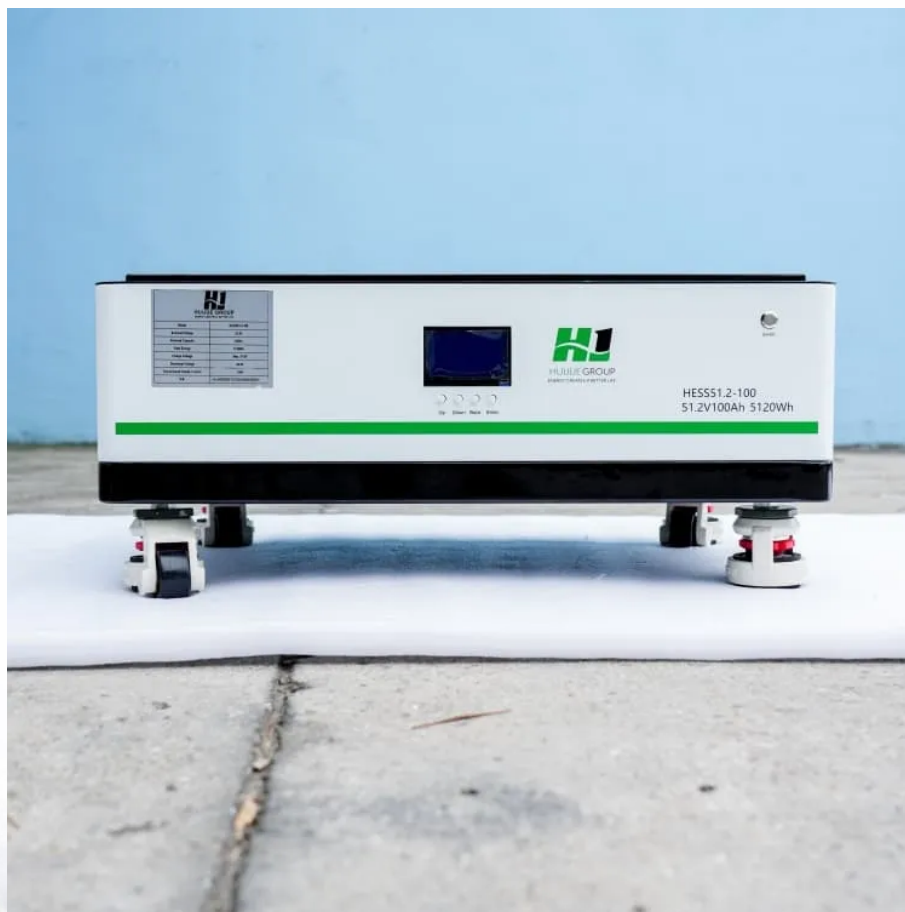# Scalable Purchasing Guide for Solar-Powered Containerized Water Plants

Overview

What is a solar powered water system guide?

The free guide, published together by the Global Water Center, Water Mission and UNICEF, provides detailed guidance on all technical topics pertinent to the design and installation of solar powered water systems within a rural water supply context.

What considerations should be considered when designing a solar powered water system?

the design of a solar powered water system. The other water quality consideration is when the source has a characteristic that would be corrosive to the pump, motor, and/or other components of the water conveyance system.

How much water can a solar powered water system supply?

The table above gave a range of 6 to 16 litres per person per day based on different uses and different amounts for each use. However, it is important that the solar powered water system is designed to supply only the amount of water intended to be collected from the system.

Do solar powered water systems need to be based on design demand?

As discussed in 2.2.6. Design Demand, the daily water demand on the solar powered water system alone will be critical to the design of the system. In other words, the water collected from other sources should not be counted in the design demand upon which the system design will be based.

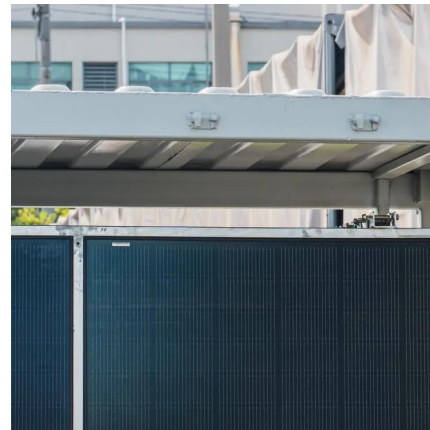# Scalable Purchasing Guide for Solar-Powered Containerized Water F

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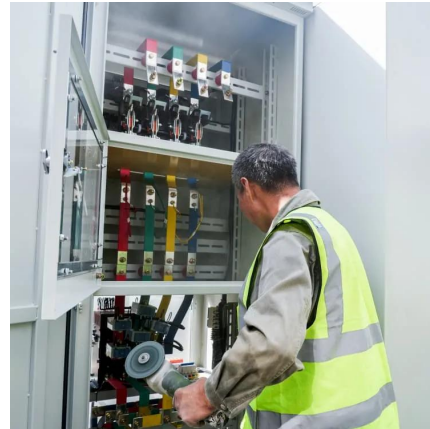

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