

# Integrated Solar Water Heating System

This system integrates a solar collector panel, storage tank, circulation pump, expansion tank, and control unit. It uses solar energy to heat water, offering a sustainable solution for domestic hot water needs.



## Overview

### Sustainable Hot Water Solution

This integrated solar water heating system is a professional-grade solution designed to harness renewable solar energy for efficient domestic hot water production. The system features a high-performance flat-plate collector designed for maximum solar absorption coupled with an advanced thermal storage tank. Equipped with a smart control unit and active circulation, it ensures consistent water temperatures while minimizing heat loss and energy consumption.

## Technical Specifications

### Key System Components

- Flat-plate solar collector panel
- Insulated storage tank
- Circulation pump
- Expansion tank
- Electronic control unit

### System Architecture

Active System • Integrated • Solar Thermal

## Performance Features

### Efficiency Metrics

<b>1 Solar</b> Energy Source	<b>100 %</b> Heat Retention
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### Compliance and Standards

Energy Efficient, Sustainable, Domestic Hot Water