

# Standard Solar Controller

## Standard Solar Controller

Meibes Solar Controllers use intelligent control technology to ensure the safe, effective operation of any solar thermal system. This wall-mounted unit features the latest microprocessor based technology and is equipped with a large, easy to read, multi-display screen that allows the user to view and adjust the operating status of the system. Intuitive menu-driven navigation simplifies start-up, operation and adjustment.

Meibes solar controllers are suitable for use with most solar thermal systems consisting of one collector array and storage tank. Sensors connected to the controller monitor both the temperature of the solar collector and the storage tank. When the tank temperature falls below the temperature of the collector, the controller activates the solar pump which circulates solar fluid to the tank to heat the water. When the water reaches the desired temperature, it shuts off the pump.

In addition to controlling the system temperature, the controller also performs important system monitoring and safety functions. The multifunctional LCD display monitors and displays system status such as tank temperature, collector temperature, pump speed and total hours of run-time. To ensure safety and expedite troubleshooting, this unit also provides malfunction monitoring with error codes and a collector protection feature. System parameters are factory preset, but a manual override option ensures flexibility and adjustments can be easily made to meet your specific needs. Using the latest technology Meibes solar controllers conform to all relevant quality and safety standards to provide trouble-free operation for years to come.

- Activates pump based on the temperature differential
- Multifunctional LCD display with icons displays full information
- Malfunction monitoring with error codes and a collector protection feature
- Factory preset with manual override
- Includes variable pump speed output and suitable for use with single and dual-line pump stations
- Easy to install, set-up and operate



**meibes**  
Schnellmontagetechnik

## Meibes Incorporated

North American Headquarters  
68 Mazzeo Drive, Randolph, MA 02368 - USA  
(877) 257-5473 Tel/Fax  
[www.meibes.us.com](http://www.meibes.us.com)