

## TERRACE & BALCONY STYLE SOLAR WATER HEATER

SWHN - 100 L/R

**Storage Capacity**  
100 Litres



**Imported + Marketed By**

Om Sai Enterprises

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PRODUCT CHARACTERISTICS

Solar enhanced electric wall hung water heater for high rise residential buildings.

The collector and the water heater are installed independently. The collector is installed on the facade of the balcony and the water heater is installed inside the balcony.

**SPECIAL SOLAR HEATING DESIGN** Special solar heating design which increases the collected solar energy. Water can be heated up to 50 , even in winters.

**SPLIT TYPE PRESSURIZED DESIGN** The pressurized water heater generates large output pressure for comfortable shower.

**GLASS-LINED SPECIAL PROTECTIVE TANK** A.O. Smith Company adopts advanced anti-corrosive technology to coat a special silicide on the inner surface of the tank, which is integrated into the inner wall after 870 high temperature processing and thus forms the glass-lined special protective tank. It can endure the impact of huge water flow, no fall off, no breakage, and isolate the water with the inner surface of the tank completely. Furthermore, it has passed the 100,000 fatigue life test as per American “UL standard”. Therefore, it is one of the most effective tanks for anti-corrosion and anti-scale nowadays.

**ANODE BAR** A stainless steel anode bar is used to increase the water tank durability and for prolonged service life of the water heater.

**ENERGY SAVING INSULATION LAYER** Thick freon-free urethane foam is used as thermal insulation layer, which reduces heat loss effectively.

**ELECTRONIC CONTROLLER**  
Lowpower - Heating all water in the tank with a power of 1000W.  
Half tank’s fast heating - Heating the upper half water in the tank with a power of 2000W.  
Full tank’s fast heating - Heating all water in the tank with a power of 2000W.  
System comes with the default setting of “low power”

**INSTANTANEOUS HEATING** Start the electric heating function at any time as per user demand, and heat the water to the set temperature.

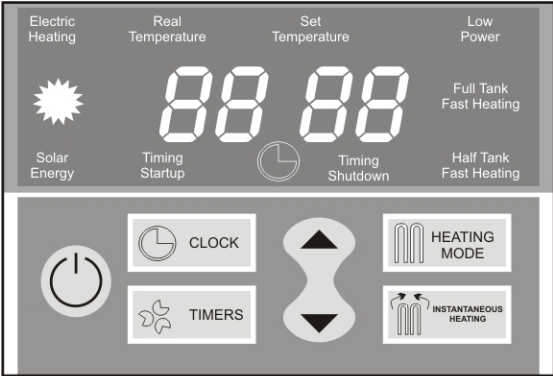
**TIMING HEATING** With preset, the electric heating can be started automatically within a period that the user wants.

**POWER-OFF MEMORY** In power off conditions, the clock and all other settings can still be maintained for 72 hrs.

**COLOR LED MODULE** The color LED module can display actual temperature, set temperature, timing, clock, heating mode, etc.

**WIRED REMOTE CONTROL** The controller is separated from the whole unit to save space; meanwhile, the controller is installed in a place convenient for operation and reading, such as wall surface or embedded into wall.

Electronic Controller



Model	SWHN-100
Capacity L	100
Tank Dimension(mm)	463×1020
Inner tank material	Steel with glassing
Tank inlet	G1/2"
Tank outlet	G1/2"
Rated Water Pressure(MPa)	0.8MPa
Voltage(V)/(Hz)	220~240VAC 50/60Hz
Input(KW)	2000
Circulation Style	Natural no pump
Contour aperture area(m2)	2.05
Heat transfer fluid	Water or antifreeze
Solar collector	All-glass evacuated tube
Evacuated tube size(mm)	58×2100 ( 14X )
Evacuated tube inner empty tube(mm)	30×1900 (14X)
Wind resistance (m/s)	30(11 Level)
Collector inner tank	SUS316L
Heating exchanger material	SUS316L
All collector spud	G1/2"
Over temperature protection	Radiator



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