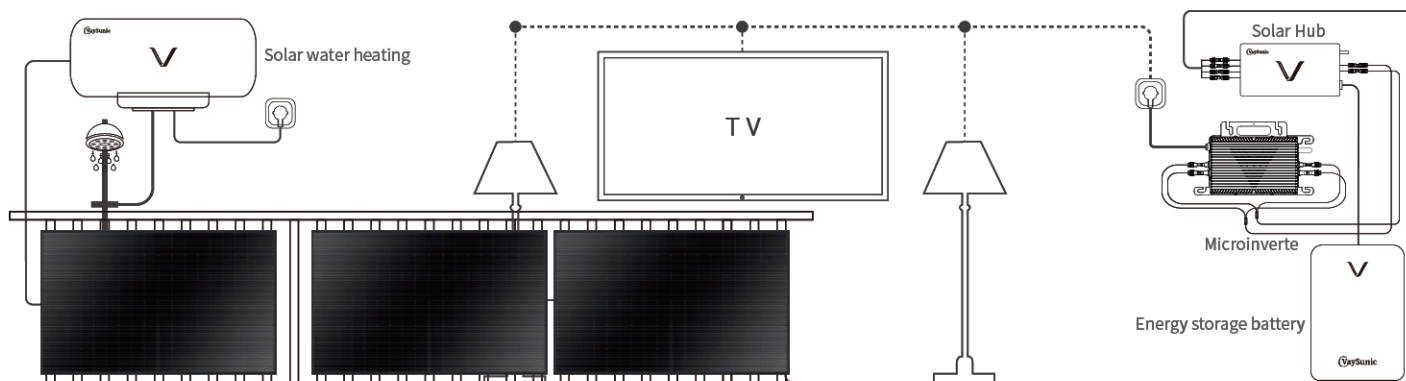


# Solar Water Heating

H series 50L/60L/80L/100L

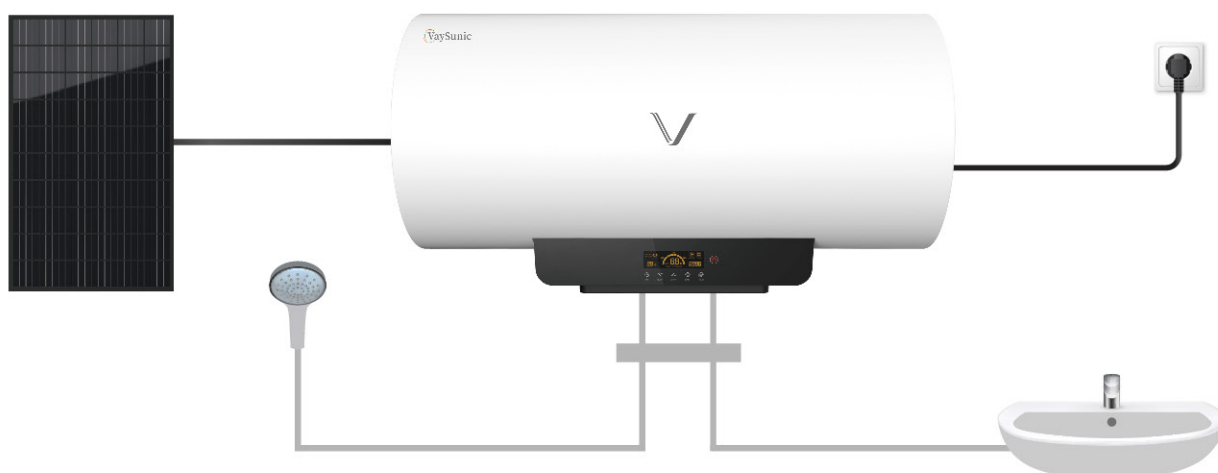


The photovoltaic water heater is directly connected to the solar panel, powered by solar mainly on sunny days and AC on rainy days, and can be automatically switched. The AC/DC dual heating element utilizes solar energy for power generation, with an efficiency of up to 99% that of the MPPT solar heating controller, greatly reducing the energy consumption of the AC Grid.



- MPPT controller technology
- Up to 99% conversion efficiency
- High reliability & long service life
- No regional & seasonal restrictions
- Easy installation and maintenance
- WiFi monitoring and remotely setting

# Application Diagram



## Component



Solar power



water tank



VSWH controller



AC/DC heating element

## Technical Specifications

Model	VSWH-H50L	VSWH-H60L	VSWH-H80L	VSWH-H100L
Volume	50L	60L	80L	100L
Solar				
Solar Max output power	1200W			
Recommeded solar panel	500W	600W	800W	1000W
Heating time 40°C	4 Hours			
Annual solar power Harvet	2 KWH	2.4 KWH	3.2 KWH	4 KWH
Solar input voltage	160Vdc Max/25°C			
MPPT range	30Vdc-100Vdc			
AC				
AC heater power	2000W			
AC voltage	220V			
General				
Monitoring	WiFi setting and monitoring (Optional)			
Protection	Over temperture protection , leakage protection			
Inner tank material	Enamel			
Tank dimension	Φ390x785	Φ390x900	Φ440x835	Φ440x935
Package dimension	530x440x915	530x440x1030	555x495x950	555x495x1050
Net weight	19kg	21.5kg	26kg	29kg
Gross weight	20kg	23kg	28kg	30kg
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