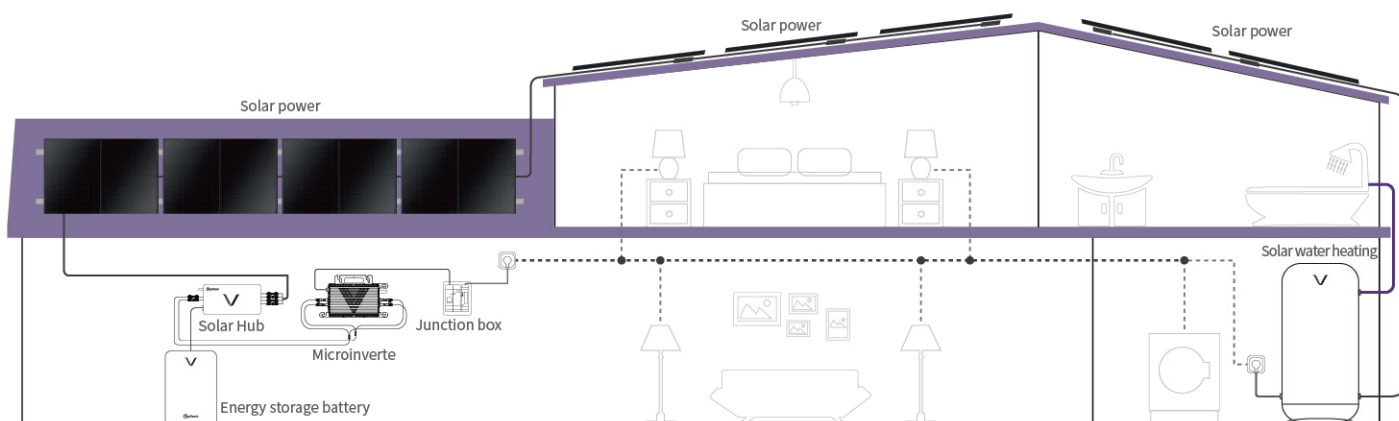


Solar Water Heating

V series 100L/150L/200L/300L

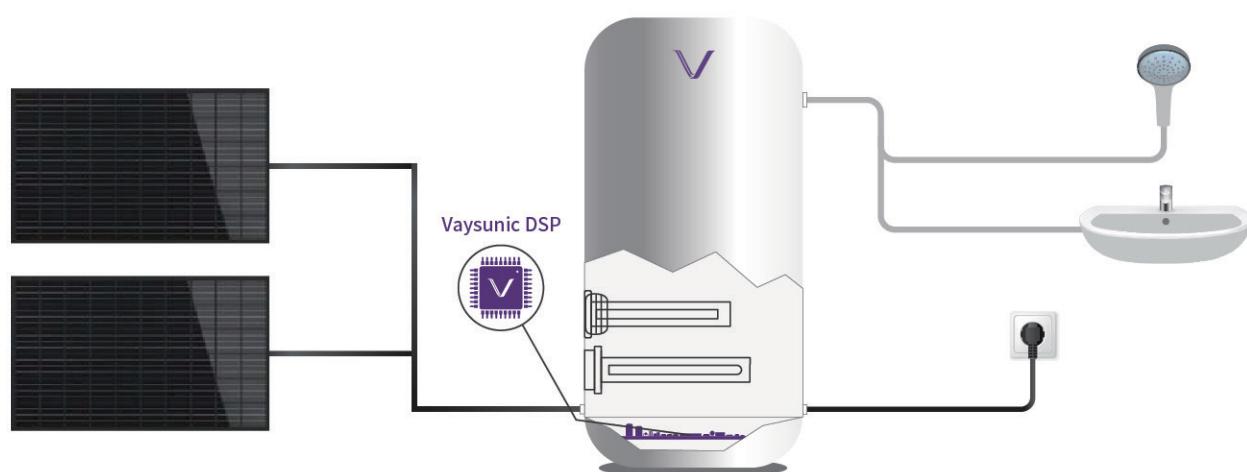


The photovoltaic water heater is directly connected to the solar panel, powered by solar mainly on sunny days and AC on rainy days, and can be automatically switched. The AC/DC dual heating element utilizes solar energy for power generation, with an efficiency of up to 99% that of the MPPT solar heating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

Technical Specifications

Model	VSWH-V100L	VSWH-V150L	VSWH-V200L	VSWH-V300L
Volume	100L	150L	200L	300L
Solar				
Solar Max output power	2000W			
Recommended solar panel	1000W	1500W	2000W	2500W
Heating time 40°C	4 Hours	5 Hours	5.5 Hours	5 Hours
Annual solar power Harvet	4 KWH	7.5KWH	11 KWH	12.5 KWH
Solar input voltage	160Vdc Max/25°C			
MPPT range	35Vdc-160Vdc			
AC				
AC heater power	2000W	2000W	2000W	2000W
AC voltage	220V			
General				
Monitoring	WiFi setting and monitoring (Optional)			
Protection	Over temperture protection , leakage protection			
Inner tank material	Stainless Steel/Enamel			
Package dimension	Ø640*640*800	Ø640*640*1070	Ø640*640*1240	Ø640*640*1885
Gross weight	30kg	33kg	41kg	53kg
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