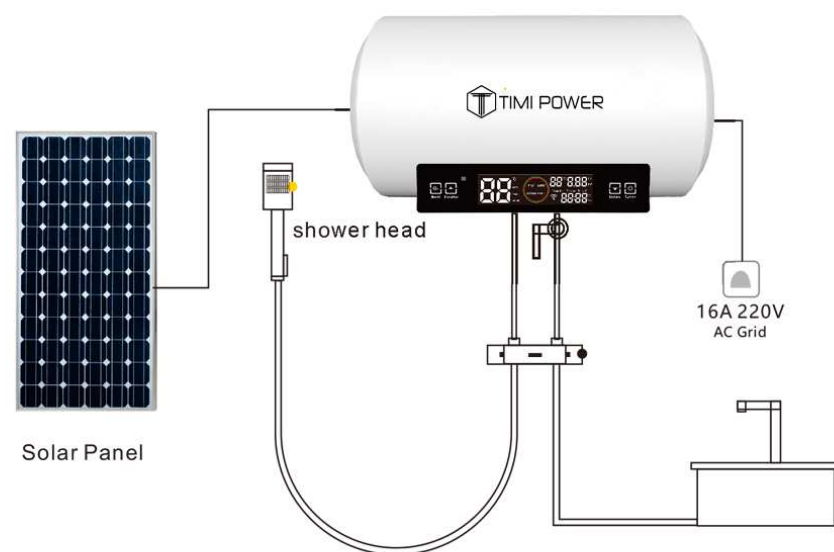


TimiHot SWH Series

Solar Water Heating System



WIFI Monitoring



Component



Solar Panel



Water tank



MPPT water heating controller



AC/DC heating element

SPECIFICATIONS

| Model | SWH-H50L | SWH-H60L | SWH-H80L |
|----------------------------|---|--------------|-------------|
| Volume | 50L | 60L | 80L |
| Solar | | | |
| Solar Max output power | 1200w | | |
| Recommmed solar panel | 500w | 600w | 800w |
| Heating time 40℃ | 4 Hours | | |
| Annual solar power Harvest | 730 KWH | 876 KWH | 1168 KWH |
| Solar input voltage | 160Vdc Max/25℃ | | |
| MPPT range | 30Vdc-155Vdc | | |
| AC | | | |
| AC heater power | 2000w | | |
| AC voltage | 110v/220v | | |
| Physical | | | |
| Monitoring | WIFI setting and monitoring (Option) | | |
| Protection | Over temperture protection , leakage protection | | |
| Inner tank material | Enamel | | |
| Tank dimension | Φ390×785 | Φ390×900 | Φ440×835 |
| Package dimension | 530×440×915 | 530×440×1030 | 555×495×950 |
| Net weight | 19kg | 21.5kg | 26kg |
| Gross weight | 20kg | 23kg | 28kg |
| Certificate | CE IEC62109 | | |

- Photovoltaic power generation, low consumption and work at low temperature.
- MPPT controller technology, 99% of efficiency maximum the solar power harvest and convert to heat.
- Smart switching DC/AC control to cut the bill.
- Pressurized water tank, with 24H continuous hot water output, without waste of cold water.
- WIFI monitoring and remotely setting.
- Easy installation, maintenance and commissioning.

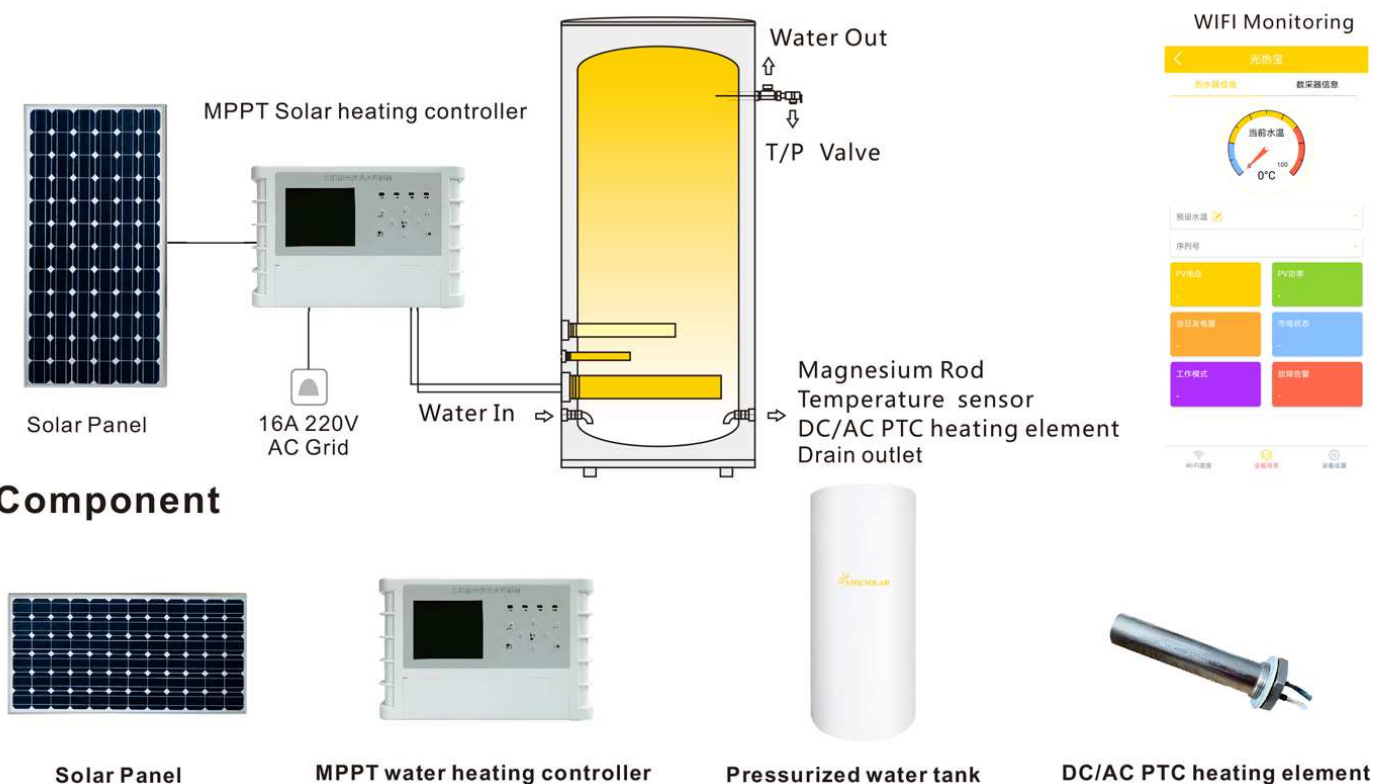


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TimiHot SWH Series

Solar Water Heating System



SPECIFICATIONS

| Model | SWH-V100L | SWH-V150L | SWH-V200L | SWH-V300L |
|----------------------------|--|---------------|---------------|---------------|
| Volume | 100L | 150L | 200L | 300L |
| Solar | | | | |
| Solar Max output power | 2000w | | | |
| Recommmed solar panel | 1000W | 1200W | 1500W | 2000W |
| Heating time 40°C | 4 Hours | 5 Hours | 5.5 Hours | 5 Hours |
| Annual solar power Harvest | 1460 KWH | 1752 KWH | 2190 KWH | 3504 KWH |
| Solar input voltage | 160Vdc Max/25°C | | | |
| MPPT range | 35Vdc-155Vdc | | | |
| AC | | | | |
| AC heater power | 1200W | 2000W | 2000W | 2000W |
| AC voltage | 220V | | | |
| Physical | | | | |
| Monitoring | WIFI setting and monitoring (Option) | | | |
| Protection | Over temperture protection, leakage protection | | | |
| Inner tank material | Stainless Steel | | | |
| Package dimension | Ø640*640*800 | Ø640*640*1070 | Ø640*640*1240 | Ø640*640*1885 |
| Gross weight | 25kg | 33kg | 41kg | 53kg |
| Certificate | CE IEC62109 | | | |

Applying the MPPT & DSP controlling technology, the AC & DC dual PTC element is powered by the solar through MPPT solar heating controller. With AC Grid as the backup power, hot water supplied by AC Grid in rainy days. Minimize the AC consumption greatly.

- Photovoltaic power generation, low consumption and work at low temperature.
- MPPT controller technology, 99% of efficiency maximum the solar power harvest and convert to heat.
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