

APPARENT WATER HEATER SERIES

66galAWH / 105galAWH



MODEL

66AWH / 105AWH



Advanced Heating Element: Patented Advanced Alloy Heating Element that is able to maximize efficiency and only use low voltage DC power

Sustainable Power: Utilizing only Direct Current Photo Voltaic solar power to heat, No Inverters, Pumps or Refrigerants are required.

Compatible: Easy to convert with our thermal insulated 66 gallon and 105 gallon tanks to meet hot water demands

Warranty: 2 year electronic component warranty and 8 year water tank warranty

Green and Carbon Free: With PV solar as the power source, the Apparent Water Heater, will reduce your carbon footprint.

Off Grid Capable: Apparent Water Heater does not require utility connection to operate.



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Technical specs

Models

Parameter	65-Gallon	105-Gallon
Capacity	65 gallons	105 gallons
Dimensions (Diameter x Height)	22.1 in x 58.9 in	25.6 in x 70.9 in
Net Weight	106 lbs	148 lbs
Tank Material	Stainless Steel	Stainless Steel
Water Connections (Inlet/Outlet)	1" NPT	1" NPT
Max Operating Pressure	87 psi	87 psi
Tank Warranty	8 years	8 years

Electrical + controls

- **Input voltage range:** 12.5VDC to 52VDC
- **DC protections:** 70VDC / 50A fuse
- **Max DC output power:** 1300 W
- **Wireless:** 2.4GHz WiFi 802.11 b/g/n
- **Controls & heating element warranty:** 2 years

Temperature settings

- **Default factory setting:** 125°F
- **Max settable:** 158°F
- **Over-temp protection:** 170°F ± 5°F

Material and compliance highlights

- **Tank construction:** Duplex 2205 or SUS316L stainless steel
- **Heating element:** titanium alloy encasement with proprietary resistive alloy interior
- **Anode requirements:** none (stainless steel and titanium construction eliminates a sacrificial anode)
- **Water safety standards:** US FDA food contact compliant; LFGB pass; WRAS approved
- **Plumbing compliance:** AS 3498-2020; UL 174:2004

