

eXeL™

Hybrid Solar Water Heater

65galAWH / 105galAWH



MODEL **65AWH | 105AWH**



Patented Titanium Heating Element:

Proprietary titanium alloy encasement with resistive alloy interior — maximizes efficiency and operates directly on low-voltage DC power.

Sustainable Power: Powered exclusively by Direct Current photovoltaic solar. No inverters, pumps, or refrigerants required.

Hybrid Operation: Optional AC backup integration ensures hot water on demand, day or night, regardless of weather.

Green and Carbon Free: With PV solar as the power source, the eXeL™ dramatically reduces your carbon footprint.

Off-Grid Capable: The eXeL™ does not require a utility connection to operate.

Flexible Capacity: Easily configured with thermally insulated 65-gallon or 105-gallon tanks to meet residential and light commercial hot water demands.

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

Learn more about the eXeL™ hybrid solar water heater:



eXeL™ Technical Specs

Hybrid Solar Water Heater

65galAWH / 105galAWH



Specifications:

Parameter	65-Gallon (65AWH)	105-Gallon (105AWH)
Capacity	65 gallons	105 gallons
Dimensions (Diameter × Height)	22.1 in × 58.9 in	25.6 in × 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 & Compliance Highlights

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

Learn more about the eXeL™
hybrid solar water heater:

