

# 30EU | 50EU | 80EU | 119EU Solar Hybrid Electric Water Heaters

Featuring best-in-class technology and construction to provide years of clean, quiet, dependable hot water from the free energy of the sun.



- Three Sun Bandit<sup>®</sup> AC micro-grid resistive elements with integrated thermostats
- One standard utility power resistive element with thermostat
- Factory installed temperature & pressure relief valve
- Temperature mixing valve (ready to install)
- Factory installed temperature gauge
- Factory installed brass drain valve
- Two anode rods double cathodic protection
- 2" non-CFC zero ozone depleting foam insulation
- Glass-fused-to-steel interior
- Powder coated steel exterior
- Commercial-grade steel construction
- 10 year warranty

**sunbandit.us**

Sun Bandit<sup>®</sup> is a registered trademark of Next Generation Energy<sup>®</sup> ©2014 Next Generation Energy<sup>®</sup> All rights reserved.

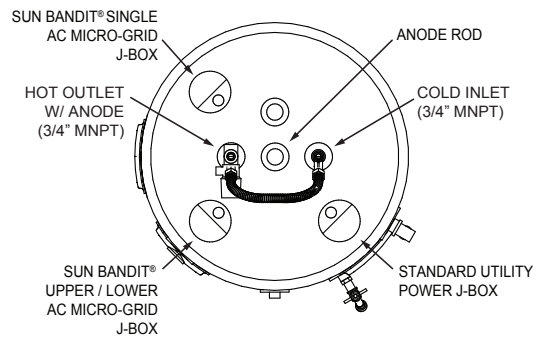
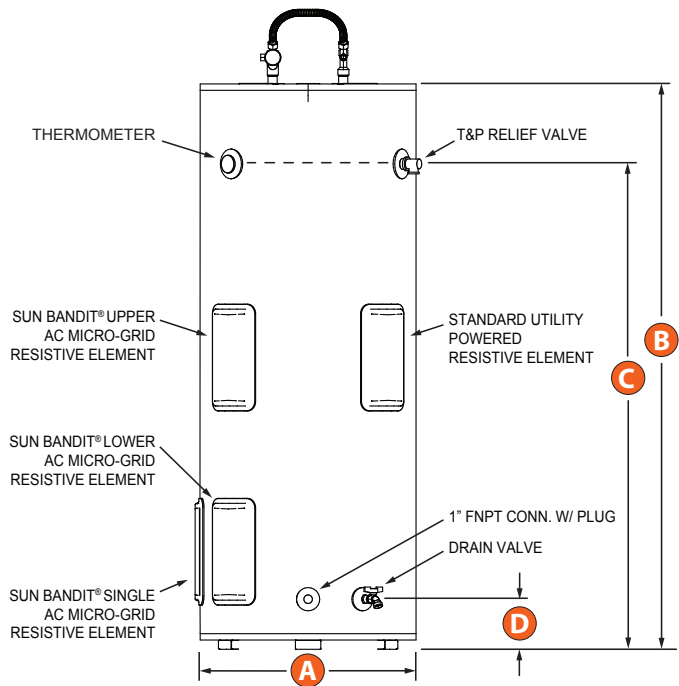


v101414

# 30EU | 50EU | 80EU | 119EU

## Solar Hybrid Electric Water Heaters

### Technical Specifications



Model	Storage Gallons (L)	Number of Micro-grid Elements	Number of Grid Elements	Full First Hour Rating* Gallons (L)	First Hour Rating** Gallons (L)	Dimensions Inches (cm)				Shipping Weight LBS (kg)
						A	B	C	D	
SB-30EU	30 (113.56)	3	1	64 (242.26)	43 (162.77)	20 (50.80)	39-1/2 (100.33)	33 (83.82)	4-5/8 (11.74)	150 (68.03)
SB-50EU	48 (181.69)	3	1	82 (310.40)	53 (200.62)	22 (55.88)	48-1/4 (122.55)	39-3/4 (100.96)	4-1/2 (11.43)	190 (86.18)
SB-80EU	78 (295.26)	3	1	104 (393.68)	63 (238.48)	24 (60.96)	64 (162.56)	57-1/8 (145.09)	5 (12.70)	250 (113.39)
SB-119EU	112 (423.96)	3	1	146 (552.67)	90 (340.68)	28 (71.12)	65-1/4 (165.73)	57-3/4 (146.68)	5 (12.7)	385 (174.63)

\*When entire Sun Bandit® Solar Hybrid Electric Universal Water Heater has been heated to 160°F by the Sun Bandit® AC Micro-Grid Resistive Elements  
 \*\* Recovery of the Standard Utility Powered Resistive Element

**Warning:** Installation should be in accordance with all national and/or local codes. In the absence of local codes, refer to NFPA 54 or ANSI Z21.10.1.  
**Caution:** The recommended maximum hot water temperature setting for normal residential use is 120°F. Manufacturer recommends a tempering valve or anti-scald valve be installed and used according to the manufacturer's directions to prevent scalding. Sun Bandit® Hybrid Water Heaters include a mixing valve that will prevent scalding when installed properly.

**Pressures (all):** Working pressure, 150 psi; testing pressure, 300 psi  
**Electrical Rating, Sun Bandit® Upper and Lower AC Micro-Grid Resistive Elements:** 3.0 kW, 240V  
**Electrical Rating, Standard Utility Powered Resistive Element:** 4.5 kW, 240V

