

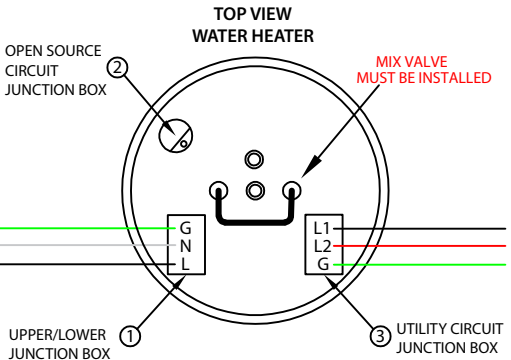
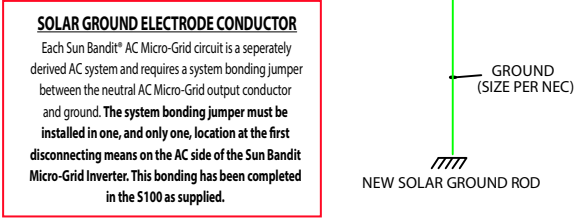
DO NOT COMBINE WIRING INCLUDING GROUNDING CONDUCTORS OF ANY OTHER SYSTEM(S). THIS INCLUDES ADDITIONAL SUN BANDIT® SYSTEMS.

EQUIPMENT GROUND ELECTRODE CONDUCTOR
 Equipment Ground Electrode Conductor (size per NEC) must be run unspliced or irreversibly spliced from the inverter(s) exterior ground lug to the building ground electrode system (ground rod).

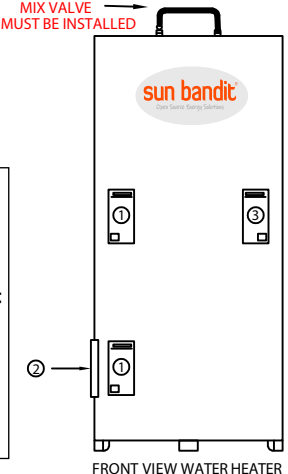
Start with Channel 1, then 2, 3, etc. If a channel has no PV Module, connect its male and female connectors to each other.

NOTE: BOND EQUIPMENT GROUND TO PANEL, FRAMES AND RACKING PER MANUFACTURE, NEC AND AHJ REQUIREMENTS

SOLAR GROUND ELECTRODE CONDUCTOR
 Each Sun Bandit® AC Micro-Grid circuit is a separately derived AC system and requires a system bonding jumper between the neutral AC Micro-Grid output conductor and ground. The system bonding jumper must be installed in one, and only one, location at the first disconnecting means on the AC side of the Sun Bandit Micro-Grid Inverter. This bonding has been completed in the S100 as supplied.



- THERMOSTAT SETTINGS**
- Primary Sun Bandit® Circuit**
Set Temperature to "Very Hot" (Maximum) on both Upper and Lower Thermostat
 - Optional Open Source Circuit**
Various options available. Contact Sun Bandit® for details.
 - Utility Circuit**
Recommended Setting "A-B" May need to be adjusted to specific needs.



- 1 = LOCATION OF UPPER/LOWER HEATER ELEMENT
- 2 = LOCATION OF SINGLE HEATER ELEMENT
- 3 = LOCATION OF STANDARD UTILITY HEATER ELEMENT

SUN BANDIT® 1300-B MICRO-GRID INVERTER

AC OUTPUT (PER INVERTER)
 AC MAX OUTPUT POWER: 1250 WATTS
 AC MAC OUTPUT CURRENT: 9.5 AMPS
 MAX AC OUTPUT VOLTAGE: 240V
 LOAD RESISTANCE RANGE: 12 - 58 OHMS

DC INPUT (PER CHANNEL)
 RECOMMENDED PV MODULE POWER RANGE (STC): 220W - 380W
 OPERATING INPUT DC VOLTAGE RANGE 15V - 58V
 PEAK POWER PERFORMANCE RANGE: 30V - 58V
 MAXIMUM INPUT DC VOLTAGE CURRENT: 58V/10.5 AMPS
 MINIMUM STARTING VOLTAGE: 20V
 TYP OF 4 CHANNELS

NOTE: Always check with your Authority Having Jurisdiction about your proposed grounding methodology prior to installing system.

NOTE: ALL WORK TO BE PERFORMED BY QUALIFIED PERSONNEL.
 ALL WORK TO BE DONE PER AHJ AND UTILITY REQUIREMENTS.
 ALL INSTALLATION CONDITIONS TO BE FIELD VERIFIED FOR APPROPRIATENESS.

Series 1300-B THREE LINE
 Version 20.02

sun bandit®
 Open Source Energy Solutions