

## Solar Tower

Solar Tower with Hooded Emergency Wall Box

### DESCRIPTION

The solar tower can be used in locations where running wire is a challenge or impossible. The tower is made by Sun Surveillance and includes an Aiphone WB-HE wall box for the Aiphone IX Series emergency call station. The tower is also equipped with batteries to provide power to the intercom and beacon/strobe light and a solar panel to charge the batteries. A Ubiquiti wireless access point is provided to supply network connectivity to the tower.

The solar tower is available in 3 different models. Choose the model based on the geographical area where the solar tower will be installed. (See map on next page.)

Compatible Aiphone emergency stations:  
IX-DVF-2RA, IX-DVF-RA, IX-SSA-2RA, & IX-SSA-RA.

### FEATURES

- Stand-alone tower
- Solar panel and batteries for power
- Ubiquiti wireless point to point for network connectivity
- Beacon/Strobe light on top of WB-HE
- Red **EMERGENCY** signage on sides of WB-HE

### SPECIFICATIONS

Material:	Aluminum tower with 5052 aircraft grade aluminum electrical enclosure
Solar Panel:	160W 12V
Power for Intercom:	24V DC supplied from batteries
Wireless:	Ubiquiti Loco5AC 5GHz, 450+Mbps (Requires line of sight for connectivity)
Battery Bank:	12 VDC 220AH
Temp Rating:	-40° ~ 140° F (-40° ~ 60°C)
Dimensions	
Tower:	11' H x 6" W
Solar Panel:	58-1/3" W x 26-1/2" D x 1-3/8" D

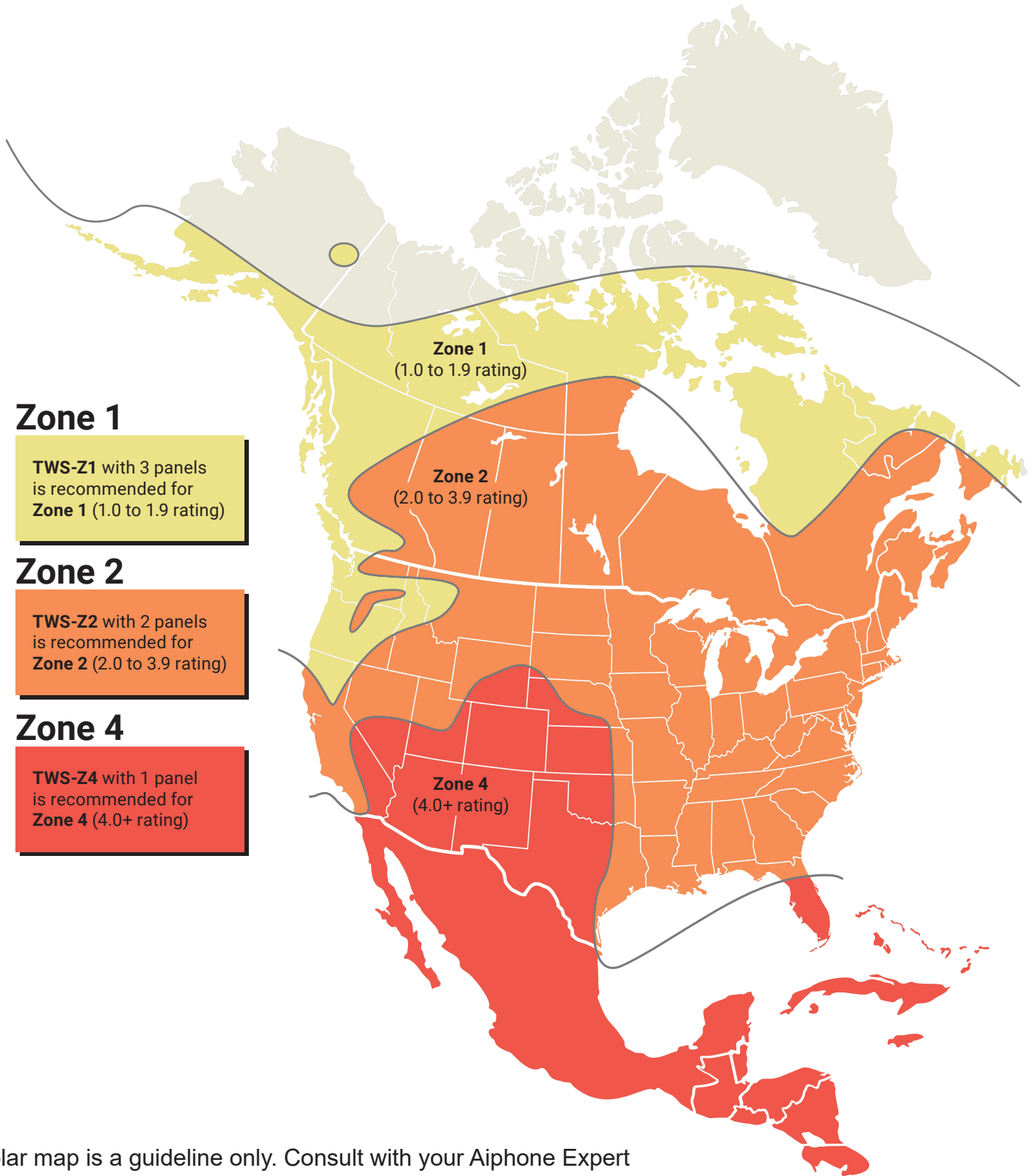


### MODELS

- TWS-Z1:** Solar Tower with Hooded Emergency Wall Box for 1.0 to 1.9 Solar Range\* (3 solar panels, direct burial mounted)
- TWS-Z2:** Solar Tower with Hooded Emergency Wall Box for 2.0 to 3.9 Solar Range\* (2 solar panels)
- TWS-Z4:** Solar Tower with Hooded Emergency Wall Box for 4.0+ Solar Range\* (1 solar panel)

\* See map on page 2 for Solar Range

# North America Solar Range Map



Solar map is a guideline only. Consult with your Aiphone Expert to determine which model to select based on your region.