

# Solar Tower

## Solar Tower with Hooded Emergency Wall Box

### DESCRIPTION

This tower is manufactured by Sun Surveillance and includes an Aiphone WB-HE wall box for use with Aiphone IX Series emergency call stations. Additionally, this tower is equipped with batteries charged by solar panels to provide power to the intercom, strobe light, and a Ubiquiti wireless access point.

This tower is available in 3 different models, which should be chosen 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
- Strobe light on top of WB-HE
- Red **EMERGENCY** signage on sides of WB-HE

### SPECIFICATIONS

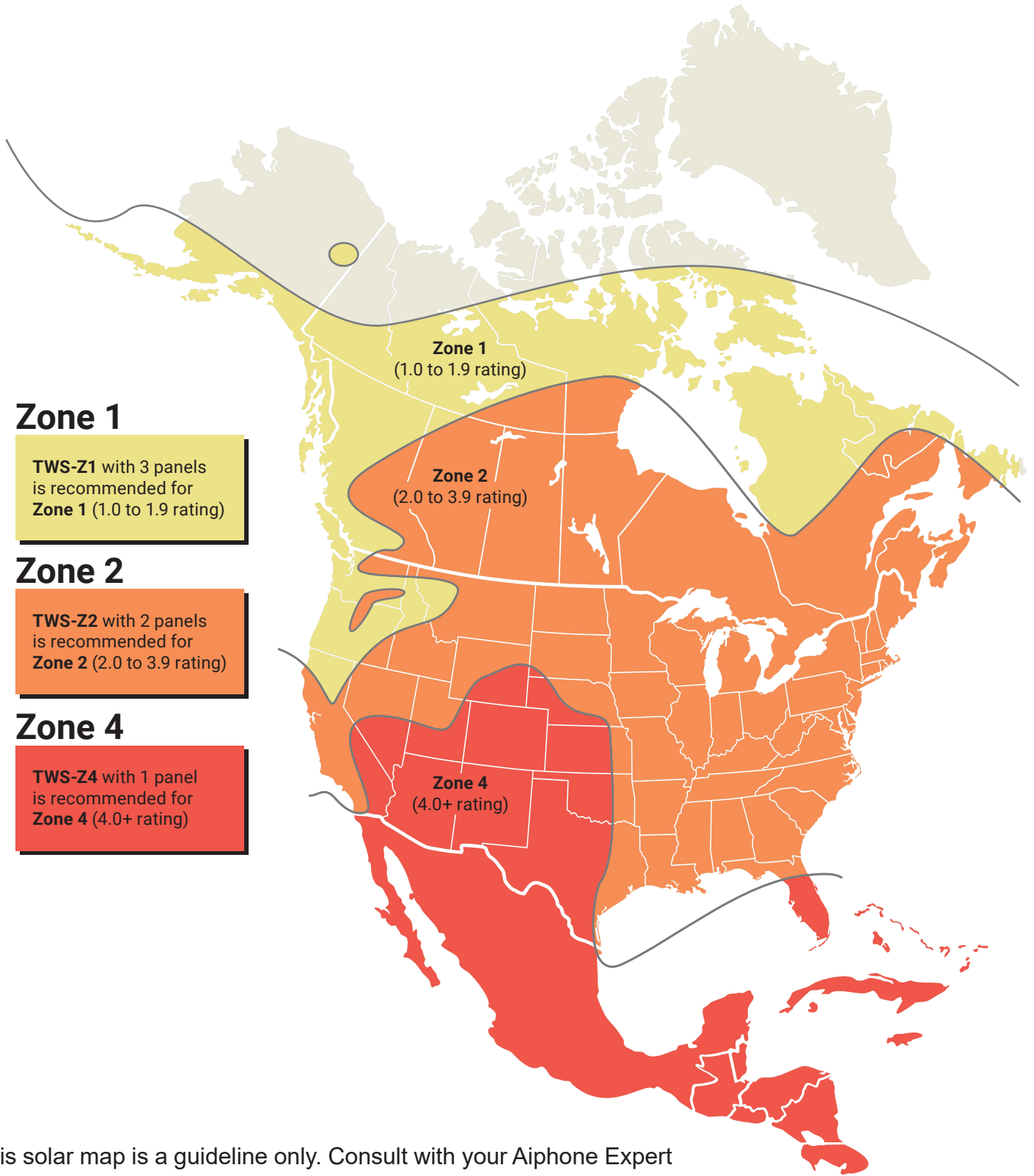
Material:	Aluminum tower with 5052 aircraft grade aluminum electrical enclosure
Solar Panel:	160W 12V
Power for Intercom:	24V DC supplied from batteries
Wireless:	Ubiquiti Loco5AC 5GHz, 450+Mbps (Requires line of sight for connectivity)
Battery Bank:	12V DC 220AH
Temp Rating:	-40° ~ 140° F (-40° ~ 60°C)
Dimensions Tower:	11' H x 6" W
Solar Panel:	TWS-Z1: 80-3/4" H x 58-1/3" W x 1-3/8" D TWS-Z2: 53-1/2" H x 58-1/3" W x 1-3/8" D TWS-Z4: 26-1/4" H x 58-1/3" W 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)

# North America Solar Range Map



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