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: 58-⅝" W x 26-⅝" D x 1-⅞" 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

**Zone 1**
- **TWS-Z1** with 3 panels is recommended for Zone 1 (1.0 to 1.9 rating)

**Zone 2**
- **TWS-Z2** with 2 panels is recommended for Zone 2 (2.0 to 3.9 rating)

**Zone 4**
- **TWS-Z4** with 1 panel is recommended for Zone 4 (4.0+ rating)

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