

Model # HECSFPL-12

High End Commercial Solar Flagpole Light

Box contents:

1. Solar panel
2. Solar light with arm attached
3. (4) metal belts
4. Tube attachment for solar panel stake usage
5. Tube attachment for solar light stake usage
6. (2) stakes
7. Aluminum solar light bracket with arm attached
8. Aluminum solar panel bracket with arm attached
9. Small arm extension
10. Large arm extension
11. molly bolts and screws

1. SOLAR PANEL:
FRONT (FIGURE 02)
BACK (FIGURE 03)



2. SOLAR LIGHT:
WITH ARM
(FIGURE 04)



3. METAL BELTS
(FIGURE 05)



4., 5., 6. TUBES
AND SPIKES
(FIGURE 06)



7. SMALL
BRACKET
FOR LIGHT
(FIGURE 07)



9. SMALL ARM
EXTENSION
(FIGURE 09)



11. SCREWS
MOLLY BOLTS
(FIGURE 11)



8. LARGE BRACKET
FOR SOLAR PANEL
(FIGURE 08)



10. LARGE ARM
EXTENSION
(FIGURE 10)

Installation and Operation:

1. Remove solar panel from box FIGURE 02. Make sure power button is in the OFF position (out and not pressed in, FIGURE 12). The panel is shipped with the switch in the "off" position. In order to determine the position of the switch, place the solar panel face down to block 100% of light reaching the panel. If light illuminates, the switch is on. The solar panel will still charge the battery even with the switch in the off position.
2. Place in direct sunlight panel-side up and charge for 48 hours.



FIGURE 12

Pole Mounting:

1. Determine the desired place and angle to put both the solar light and the solar panel on the flag pole before assembly. The distance between the light and the panel can be up to 122" apart. The light cord is approximately 114" and the solar cord is approximately 8".

2. Attach the larger pole bracket (FIGURE 08) to the back of the solar panel by first removing the nut from the screw (FIGURE 13) which is located on the back of the solar panel and then slip the screw through the hole at the end of the bracket. Determine the desired angle of the panel to the pole before tightening then replace the nut and tighten securely (FIGURE 14).



FIGURE 13



FIGURE 14

3. Undo and straighten two of the metal belts (FIGURE 05) using a flat head screwdriver.

4. Slip each of the 2 belts through the slots located on the back of the bracket (FIGURE 15).

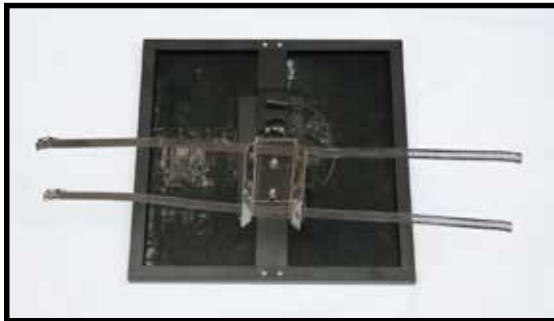


FIGURE 15

5. Attach the larger bracket to the pole by wrapping the metal belts around the pole then secure into place by tightening the flat head screws.

6. Attach the smaller pole bracket (FIGURE 07) to the bottom of the solar light extension (FIGURE 16a & 16b) by first removing the nut from the screw and then slipping the screw through the hole at the end of the bracket. Replace the nut and tighten securely (FIGURE 17).



FIGURE 16a



FIGURE 16b



FIGURE 17

7. Undo and straighten the remaining two metal belts (FIGURE 05) using a flat head screwdriver.

8. Slip each of the 2 belts through the slots located on the back of the bracket (FIGURE 18).



FIGURE 18

9. Attach the smaller bracket on the pole by wrapping the metal belts around the pole then secure into place by tightening the flat head screws. Adjust the light to the optimal angle of illumination.

10. Connect the solar panel to the light by attaching the wires located on the back (FIGURE 19)



FIGURE 19

11. Turn on power by pressing in the Power button located on back of solar panel (FIGURE 12).

Alternate Pole Mounting Method:

1. Attach the larger bracket to the pole before attaching the solar panel. Slip each of the 2 belts through the slots located on the back of the bracket (FIGURE 20) Wrap the metal belts around the pole then secure into place by tightening the flat head screws.

2. Attach the smaller bracket to the pole before attaching the light. Slip each of the 2 belts through the slots located on the back of the bracket (FIGURE 21). Wrap the metal belts around the pole then secure into place by tightening the flat head screws.



FIGURE 20



FIGURE 21

Ground Mounting for Solar Panel:

1. Attach the solar panel to the large plastic tube (FIGURE 6) by first removing the nut from the screw (FIGURE 13) which is located on the back of the solar panel and then slip the screw through the hole at the end of the bracket. Determine the desired angle of the panel to the pole before tightening then replace the nut and tighten securely
2. Insert stake into the bottom of the tubing and twist up (FIGURE 22).
3. Insert into ground at desired location



FIGURE 22

Ground Mounting for Light:

1. Remove light apparatus from base (FIGURE 23) by removing screw. Attach to the plastic tube which has a hole on the end (FIGURE 24) using the same screw. Angle appropriately and then tighten.



FIGURE 23



FIGURE 24

2. Attach stake into the bottom of the tubing and twist up (FIGURE 25)
3. Insert into ground at desired location.



FIGURE 25

Ground Mounting for Solar Panel:

Light and solar panel brackets can be mounted to any deck, outside wall or ground mount by utilizing the brackets without the metal backing (FIGURE 26).



FIGURE 26