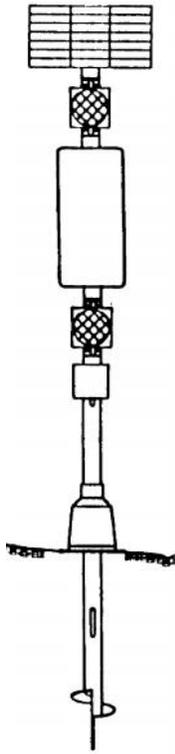


# Solar Flasher Controllers



## Solar Controllers Include:

Cabinet

Batteries

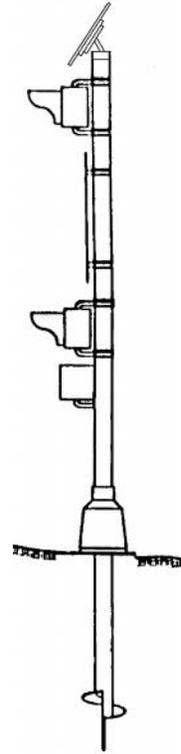
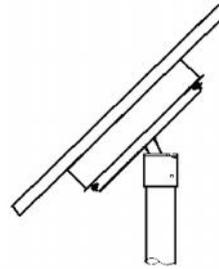
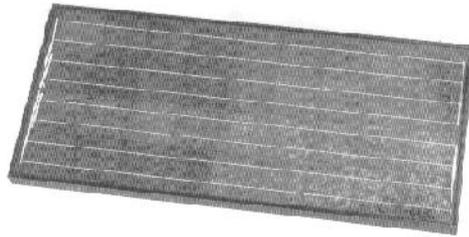
Charging Controller

Options Include:

Time Clock

12vdc Flasher

Wireless Activation



## Solar System Components:

**Solar cabinet** (this page) including:

Batteries

Control electronics

**Warning flasher assembly** including:

(See "Vertical Warning Flashers")

Pole and Base

Power installed foundation or  
anchor bolts

Sign

Signals

Optional Reinforcing Pole Collar

**Solar Panel**

**Solar Panel Mounting Kits**

(See "Solar Panel Mounting Kits")

Your salesperson will help you properly size your solar panels and batteries, accomplish your activation scheme, and configure all of the components needed for your system.

## Application Requirements

In order to properly size your panel and batteries your salesperson will need:

Total load watts

Number of hours per day operation

Your latitude (zip code)

In order to recommend the activation your salesperson will need a description the system ON/OFF operation.



# Solar Flasher Controllers

## Batteries

We offer only top quality gel cell 12v batteries manufactured specially for solar applications.

We also offer an optional "Power Pulse" module that helps maintain the freshness of the battery under small load conditions.

## Loads

A variety of flashers are offered including:

- "Cube" flasher
- "NEMA style" Plug-in
- Dimmable flashers

Custom loads:

- NO output dry control contacts
- Switched 12vdc load terminal connections with options including:

## Charge Controllers

Charge controllers provide the interface between the solar panel and the batteries to assure proper charging and protection of both the panel and the battery. We offer units from several manufacturers in different physical and electrical sizes. Your salesperson will recommend an appropriate unit based on your system requirements.

## Activation

Activation methods include:

- 24 Hour operation
- Manual keyswitch
- "Presence" NO dry contact input
- Time Delay Relay (TDR) or Alternating Relay activated by:
  - Momentary PB
  - NO momentary dry contact
  - Wireless Transmitter/Receiver
- Time Clocks, 365 Day

## Cabinets

High quality fabricated aluminum cabinets

- 1-4 batteries
- Slam or Deadbolt locks
- Swingout panels
- Mounting brackets including:
  - U-bolt mount for 4.5" OD pole
  - Optional "vandal cones"
  - Banding mount for flat and round poles
- Cabinets may be ordered painted



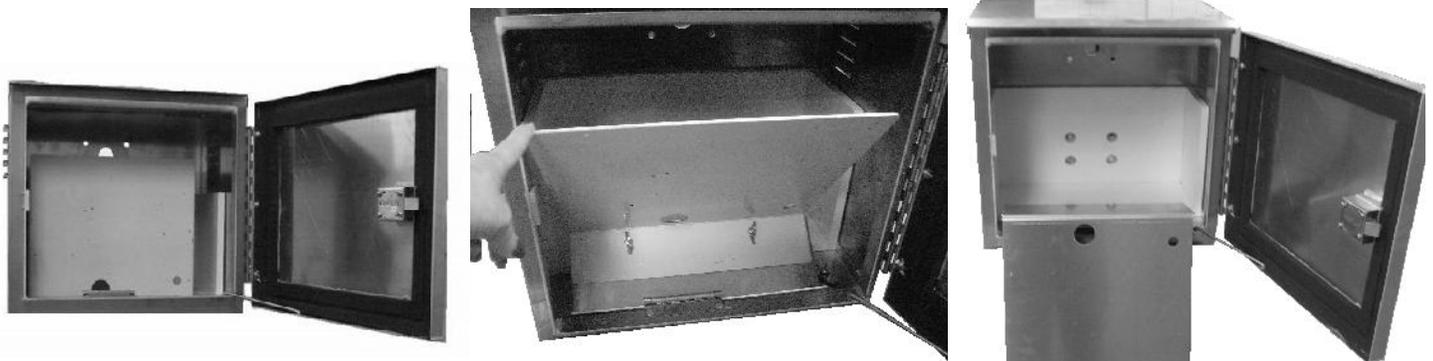
# Economical 1 Battery Solar Cabinet with Swing Out Panel (#7781)

NEMA 3R Standards

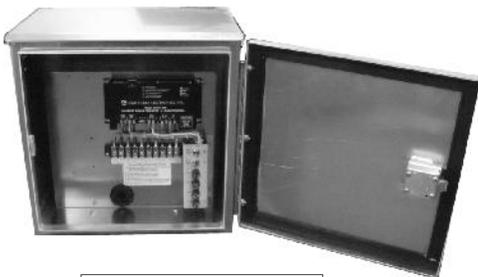
Insulated Battery compartment

Police lock and key

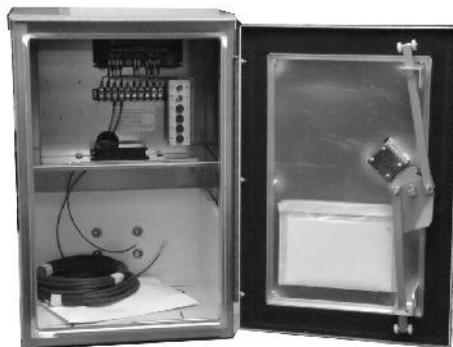
Small Size: 17"W x 18"H x 13"D



## Other Cabinets



0 Battery Cabinet

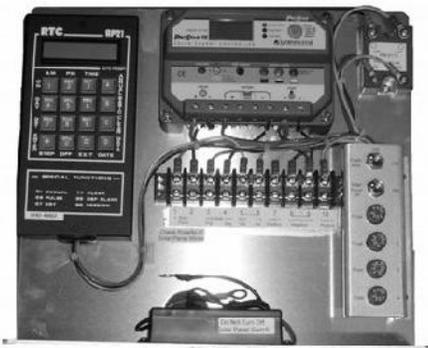


1,2 Battery Cabinet



3,4 battery cabinet

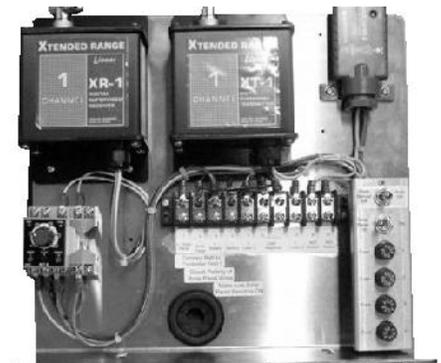
## Typical backpanels



Controller,Clock,Cube Flasher, Power Pulse

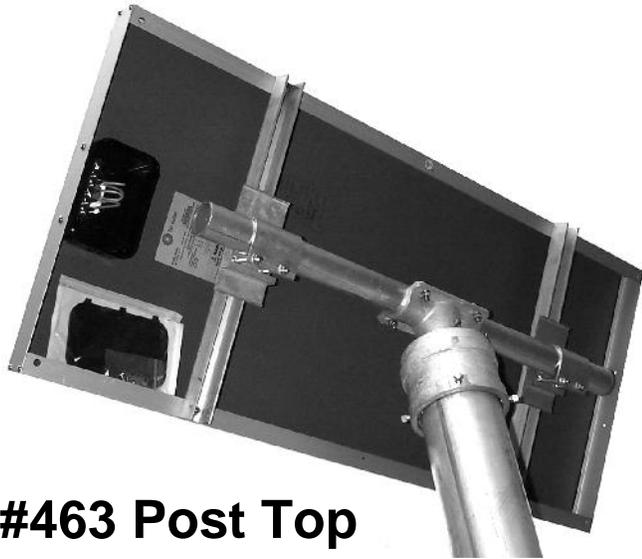


Controller,Clock,Cube Flasher

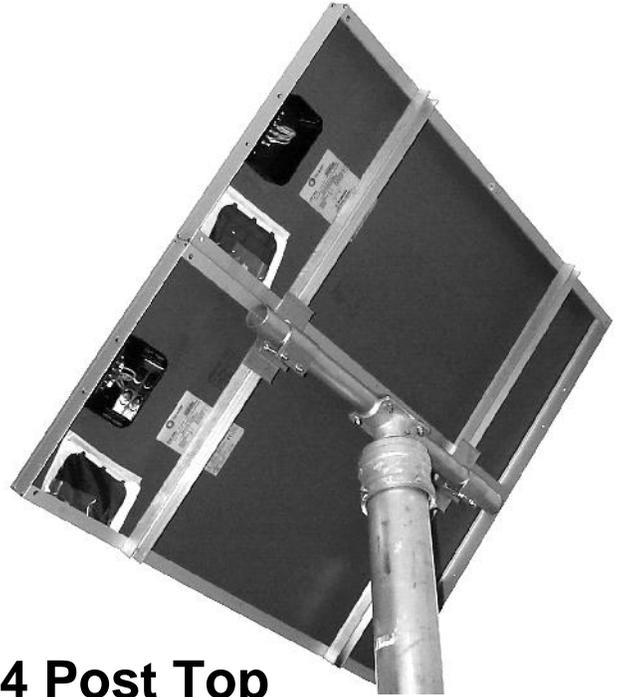


TDR,Small Controller,Transmitter/Receiver

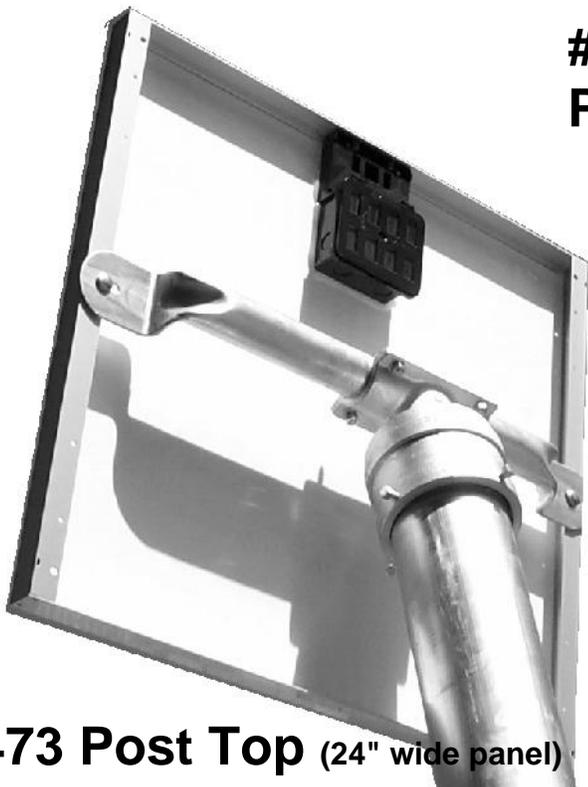
# Solar Panel Mounting Kits



**#463 Post Top**

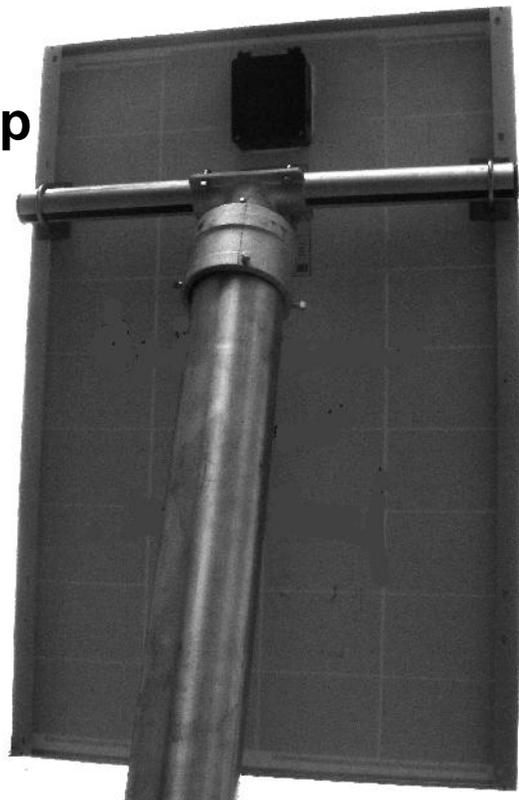


**#474 Post Top**



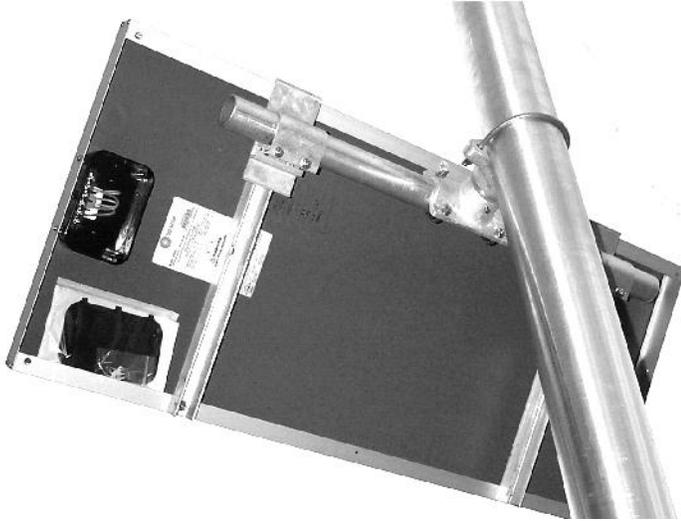
**#473 Post Top** (24" wide panel)  
Also available for: 12", 18", 30", 36" wide panels

**#466  
Post Top**

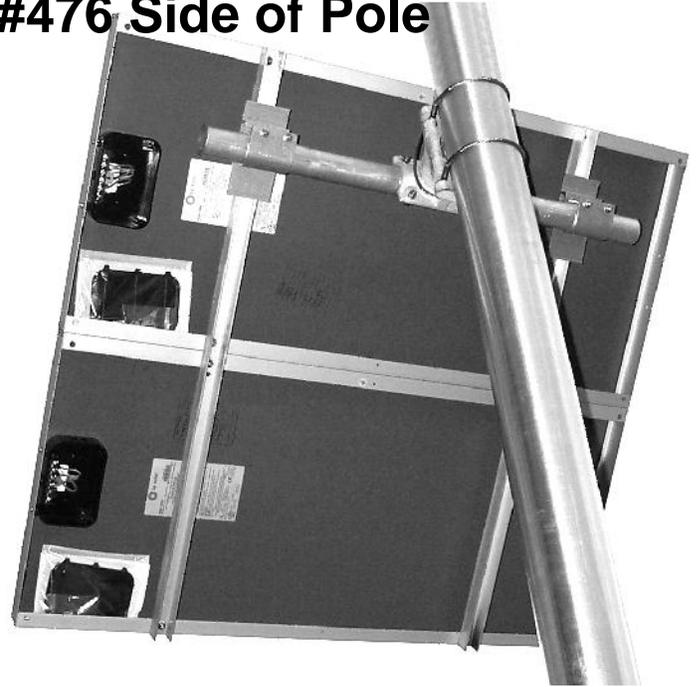


# Solar Panel Mounting Kits

**#475 Side of Pole**



**#476 Side of Pole**



**#467 Side of Pole Butterfly**



**#260 Post Top**

