



**Standard Features:**

- Complete Solar Power Solution
- High-Efficiency Solar Panels
- Side-of-Pole Mounting Structure for Solar Panels
- Solar Power Regulator and Battery Charger
- Aluminum or Fiberglass Battery Enclosure (Fiberglass is NEMA4X)
- Maintenance-Free Batteries
- 5-Day Autonomy

**Function:**

The SPS-XXX is a custom engineered Solar Power system that can provide 24V DC power in remote locations. It can be used as an autonomous power source in applications where there is no conventional AC line power available or as a standby power source for areas that experience frequent power interruptions.

The SPS-XXX is custom configured for each application depending on the power load required and the geographical location it will operate in. Geographic location plays an important role in determining the size of the solar panels and batteries due to the varying amounts of sun exposure.

A built-in charge controller continually keeps the batteries at their optimal charged-up state. Maintenance-free sealed lead-acid batteries provide years of trouble free operation.

The entire system comes complete with all required hardware and is easily installed by electricians.

**Specifications:**

**Solar Panels:**

- Multicrystalline Silicon Solar Cells

**Charge Controller:**

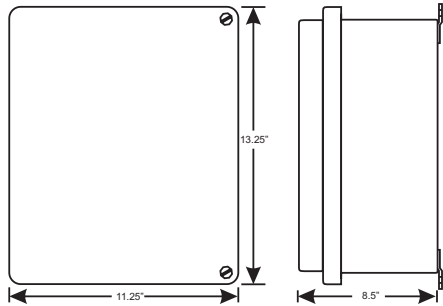
- Encapsulated for protection
- 100% solid state charge control
- Reverse leakage protection - blocking diode
- Lightning protection
- Input noise suppression
- Low power consumption

**Batteries:**

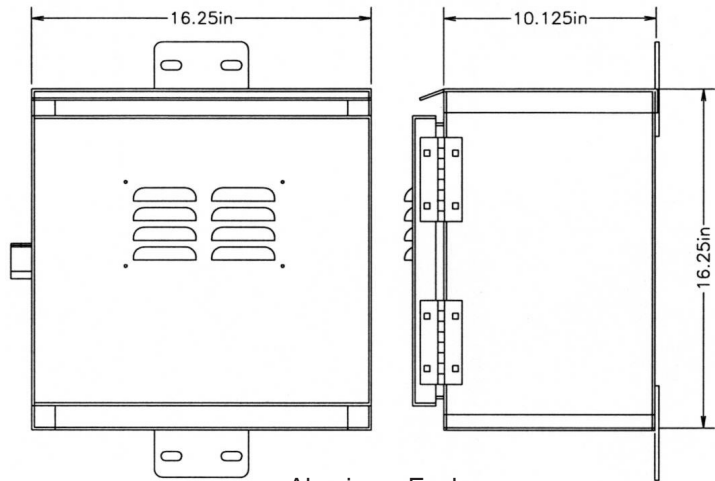
- Maintenance-free
- Sealed Lead Acid Type (Gel Cell)

# SPS-XXX

## Enclosures & Dimensions:

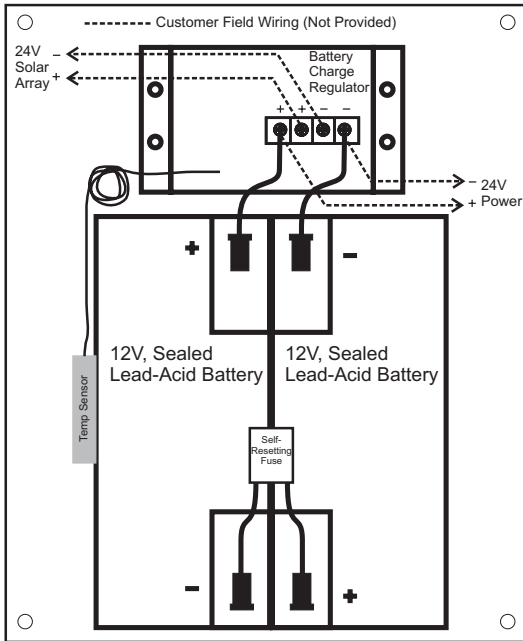


Fiberglass Enclosure  
(-FG Option)



Aluminum Enclosure  
(-AL Option)

## Connection:



## Options:

### Base Model:

- SPS-050: 50 Watt System
- SPS-075: 75 Watt System
- SPS-100: 100 Watt System

### Enclosure:

- AL: Aluminum
- FG: Fiberglass (NEMA4X, vented)

Manufactured By:

**Pribusin Inc.**

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