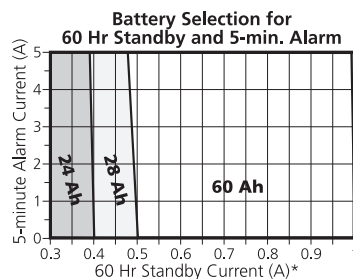
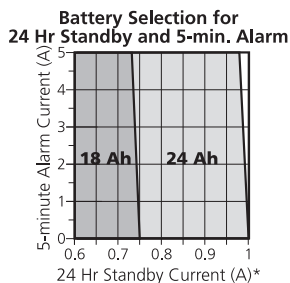


1. Introduction

The PS4350/R is an external Battery Charger for use with Maxsys panels.

Make sure that you also follow the recommendations of the battery manufacturer. Battery replacement should be performed as per the recommendations of the battery manufacturer, or every 5 years.

NOTE: To determine the battery size required, please refer to the battery calculation chart provided with the panel.

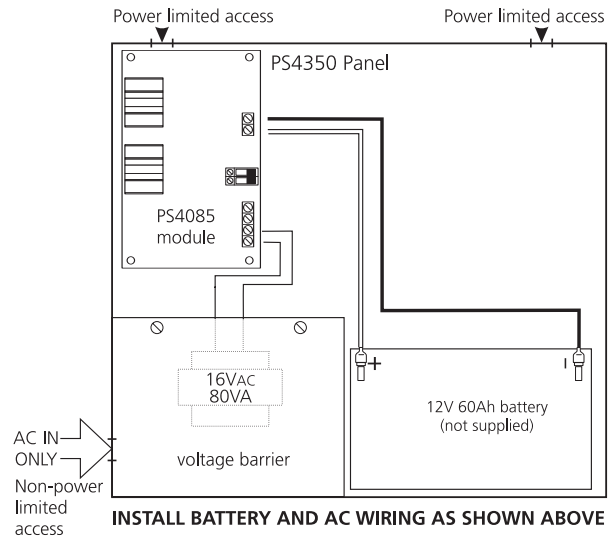


*Please use the Maxsys Standby Battery Calculation Charts (29003350) to calculate the standby current for your system.

2. Features and Specifications

Features

- Stand-by battery (not supplied)
- Automatic shutdown to prevent deep battery discharge
- Self-resetting solid state over current protection devices eliminate the need for replacement fuses
- Battery charging rate: 1.8A



IMPORTANT: A minimum of 1/4" (7mm) separation must be maintained at all points between power limited wiring and all other non-power limited wiring and connections. Wire entry for power limited wiring must be separate from non-power limited wiring.

Specifications

- Transformer supplied: 16V_{AC}, 80VA
- Output: 12V_{DC}, 1.8A
- Dimensions: 145mm L × 83mm W × 56mm H over heat sinks
5.7" L × 3.3" W × 2.2" H over heat sinks

Please refer to the System Installation Manual for information on limitations regarding product use and function and information on the limitations as to liability of the manufacturer.

3. Installing the PS4350

3.1 Unpacking

The PS4350/R package includes the following parts:

- One beige PC4055C cabinet OR one red PC4055CR cabinet (15.0"H x 15.0"W x 6.9"D)
- One PS4085 charger module
- One PT1012 transformer, 16 Vac, 80VA
- Space for one 20-60Ah, 12 volt sealed lead-acid battery (not included)

3.2 Mounting the Cabinet

When mounting the cabinet for the PS4350/R, select a dry location within 1m/3.3ft of the control panel.

To mount the cabinet you will need:

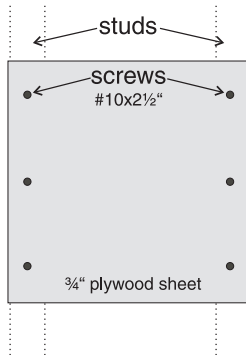
- six - #10x2½" round head, steel wood-screws (not supplied)
- six - #10x¾" round head, steel wood-screws (not supplied)
- one - 20"x20"x¾" sheet of plywood (not supplied)
- screwdriver (not supplied)
- stud finder (not supplied)

To mount the cabinet:

1. Using the stud finder, find a mounting location where the plywood sheet can be mounted to 2 different studs, as shown .

When mounting the plywood, ensure that the bottom of the cabinet will not be less than 16" and not more than 48" from the floor.

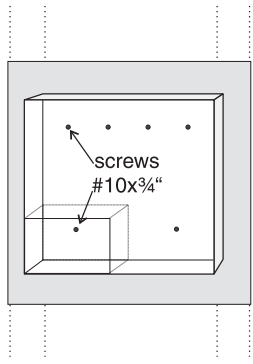
2. Attach the plywood to the wall using the six #10x2½" round head steel screws.



3. From the back of the cabinet, press in the four white circuit board stand-offs into the raised mounting holes.

4. Holding the cabinet in position, pull all wiring into the cabinet through the hole in the back.

5. Using the six #10x¾" round head steel screws, mount the cabinet securely to the plywood sheet, as shown.



6. Press the PS4085 module onto the plastic stand-offs.

3.3 Wiring

Before beginning to wire the unit, ensure that all power (AC transformer and battery) is disconnected from the control panel.

Consult the wiring diagram on the previous page for instructions.

A minimum of ¼" (7mm) separation must be maintained at all points between power limited wiring and all other non-power limited wiring and connections. Wire entry for power limited wiring must be separate from non-power limited wiring.

3.4 Applying Power

After all wiring is completed, apply power to the control panel. Connect the battery leads to the battery, then connect the AC transformer. For more information on control panel power specifications, see the control panel Installation Manual.

NOTE: Do not connect the power until all wiring is complete.