

Congratulations, you've just purchased one of the most effective methods available for keeping your vehicle and other 12-volt lead-acid batteries properly charged, desulfated and maintained —the SP-25; 25 Watt, 1.6 Amp SolarPulse (735X325) Solar Charging System.

Now you can proactively maintain, condition and extend the life of your 12-volt lead-acid batteries with this one unique, solar-powered system. Besides charging your battery, it also provides a constant high frequency electronic DC pulse that removes sulfates on the battery plates and returns them to the electrolyte. By simply cleaning the plates, this system extends battery life up to 3 times, maintains peak battery efficiency and increases charge acceptance so batteries recharge faster and more deeply.

The SP-25 SolarPulse is ideal for virtually any vehicle or equipment that has high electrical parasitic loads and/or may sit unused in isolated situations where electrical power is not always available. It's designed to work with either single batteries or up to four batteries in parallel.

This system will save you time, money and effort by reducing battery-related downtime, maintenance and replacement.

Mounting the Solar Panel

Mount the solar panel where it will have the most consistent direct access to the sun. The solar panel can be mounted in one of the following ways:

- Industrial Silicone or other adhesives
- Screws

Splicing The Solar Panel Wire (as required)

If you wish to remove excess wiring between the solar panel and circuit box, they can be cut and spliced together. If you wish to extend the length of the solar panel wires, they can be spliced with additional wire using one wire gauge size larger than the supplied wire. In this case use 16 Ga. Be sure to solder and seal with heat shrink tubing.



Mounting the Circuit Box

Mount the circuit box near the battery, but DO NOT attach it to the battery itself. The circuit box can be mounted in one of the following ways:

- Screws
- Heavy-duty dual-lock
- Industrial Silicone or other adhesives.

Make sure the circuit box is mounted in a location where it's well protected and will not accidentally be disturbed by moving engine parts, etc.

LED Indicators:

- POWER ON - Charger is receiving proper voltage from solar panel
- FLASHING - Charge and Pulse mode
- STEADY – Pulse Maintenance Mode
- FLASHING – Reverse Polarity
- STEADY – No connection

Specifications:

Charging DC Voltage: 14.8 Volts

Max. Charging Current: 1.6 Amps

Float DC Charge: 13.6 Volts

Solar Panel Dimensions: 17.75" x 21.25" x 0.125"

Circuit Box Dimensions: 5.25" x 2.5" x 1.3"

Wire Length: Box to Lugs: 32"
Box to Panel: 25"

Weight: 6.5lbs.

Connect the Wires to the Battery Terminals

IMPORTANT: The red positive (+) wire must be connected to the red positive (+) battery terminal and the black negative (-) wire to the black negative (-) battery terminal in order for the SolarPulse to work.

To connect the wires, do the following:

- Remove the nut securing the battery clamp to the positive (+) battery terminal.
- Slip the round metal lug at the end of the positive SolarPulse terminal wire onto the clamp bolt
- Screw the clamp nut back onto the bolt and tighten it securely
- Repeat the last three steps with the negative SolarPulse wire

SolarPulse™ Precautions:

- **DO NOT** hold positive and negative lugs at the same time while the unit is active. It may cause a slight electric shock.
- Any solvents that may be harmful to plastic should not be used on or near the unit.
- In full sunlight this unit is capable of producing an open circuit voltage far in excess of rated volts.
- Secure ALL SolarPulse wires and verify they are a safe distance from moving parts before starting the vehicle.

Warning

The pulsating DC current produced by this product may interfere with the correct operation of some electronic devices when the unit is placed near the antenna. In order to insure no interference, the circuit box should be placed away from the antenna.

PULSETECH PRODUCTS CORPORATION

5-Year Limited Warranty

What Does This Warranty Cover? This warranty covers any defects in workmanship or materials in the product under normal use and service.

How Long Does The Coverage Last? This warranty runs for five (5) years from the date of purchase.

What Will PulseTech Do? PulseTech will, at its option, repair the unit or replace the unit with a remanufactured unit at no charge.

What Does This Warranty Not Cover? This warranty applies only to the product and does not cover any other equipment, static damage, water damage, overvoltage, dropping of the unit or damage resulting from extraneous causes. The warranty is void if the owner attempts to disassemble the unit or modify the cable assembly. In addition, PulseTech will not be responsible under this warranty if PulseTech determines that (1) upon examination that the unit's failure was (A) caused by misuse, neglect, accident, alteration, or abnormal condition of operating or handling (including the failure to install the product in accordance with PulseTech's instructions and observe the warnings on the product and the instruction manual), or other conditions beyond the control of PulseTech or (B) damaged in transit to PulseTech, or (2) the owner is not the original purchaser that purchased the product through an authorized PulseTech dealer or distributor. **IN NO EVENT SHALL PULSETECH BE LIABLE FOR ANY DIRECT, SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL, PUNITIVE OR EXEMPLARY DAMAGES, EXPENSES, LOST SAVINGS OR LOST PROFITS OR ANY OTHER DAMAGES OF ANY KIND FROM ANY BREACH OF THIS WARRANTY OR OTHERWISE.** Some states, provinces or countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

How To Get Service? Send the product postage prepaid with proof of purchase (sales receipt) within the warranty period to the authorized reseller where the product was purchased or contact PulseTech directly by calling 1-800-580-7554.

How Does State, Province or Country Law Apply? This warranty gives you specific legal rights, and you may also have other rights which vary from state to state, province to province or country to country.

THIS WARRANTY IS THE SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.