

SP-3 SolarPulse®

12V Solar Charger Maintainer, 3-Watt

Part #: 735X453

Model #: SP-3

NSN: 6130-01-388-0245

- Works on all 12-volt lead-acid batteries including VRLA, AGM gel and flooded cell
- Crystalline silicon photo-voltaic cells maximize solar-to-energy conversion in smallest possible footprint

What makes PulseTech different?

- Pulse conditioning, provided by PulseTech Products, minimizes lead sulfate crystals on the battery plates, enhancing the performance and extending the life cycles of any size or type of 12V lead-acid battery

- Restores and maintains normal loss of battery power on seldom-used vehicles and equipment stored outside
- Virtually indestructible commercial design
- Maintains batteries indefinitely without danger of overcharging or overheating



SolarPULSE
INDUSTRIAL SOLAR CHARGING SYSTEM



The 3-watt SolarPulse charges, maintains and desulfates 12-volt batteries in vehicles and equipment that are stored and used outside, replacing the power loss from electrical accessories that occurs even when the ignition is switched off. Rated at 240 mA, the SP-3 is reverse polarity protected. At just 4.70" x 9.45" x 0.25", it can be flush mounted with the smallest possible footprint.

This uniquely designed solar panel is made of highly efficient proven crystalline silicon photo-voltaic cells, encapsulated with a clear polyurethane plastic coating, and mounted on a laminated aluminum substrate back plate that is less than 1/4" thick. Since the solar cells are placed directly on a low profile aluminum panel instead of a thicker, bulkier metal frame, it can be flush mounted so there's less chance of being accidentally damaged. Instead of a breakable glass coating, SolarPulse's solar panels are protected with a clear polyurethane plastic coating that makes them virtually indestructible and impervious to weather aging and damage from bumps and knocks.

What is Pulse Technology?

The SP-3 SolarPulse goes beyond standard charging and maintenance. It employs PulseTech's exclusive patented Pulse Technology that emits optimized frequency pulses throughout the charging process. This technology is designed to minimize and reduce the buildup of lead sulfate crystals on the battery's plates - the main cause of battery failure. By effectively reducing lead sulfate deposits, your battery will charge deeper, maintain greater reserve capacity and last up to three times longer.

An LED light indicates charge so you know when it's working. The LED shines brightly when the solar panel is in full sunlight and working at optimum level, fades when the panel is exposed to partial sunlight and goes out at night. Ten- year limited warranty.

Specifications:

Input Electrical	Solar Powered	Box to Lug Wire Length	3'
Output Current	240 mA	Box to Panel Wire Length	17'
Output Voltage, Maximum	16.5 V dc	Indicators	Bright LED indicates charging
Circuit Box Dimensions	3.4" L x 2.25" W x 1.5" H	Operating Temperature	0° to 130°F (-18°C to 54°C)
Solar Panel Dimensions	4.7" L x 9.45" W x 0.25" H	Storage Temperature	0° to 150°F (-18°C to 66°C)
Shipping Weight	2.2 lbs		

