

## 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
- Restores and maintains normal loss of battery power on seldom-used vehicles and equipment stored outside
- Patented Pulse Technology keeps battery plates clean of damaging sulfate deposits extending battery life up to 3 times
- Virtually indestructible commercial design
- Maintains batteries indefinitely without danger of overcharging or overheating



### Description:

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.

The SP-3 uses PulseTech's patented Pulse Technology which imposes high frequency pulsing cycles into batteries that work to break up and reduce both the number and size of sulfation deposits on battery plates – the main cause of battery failure. The result is batteries that maintain their state of charge much longer and accept re-charge more readily, dramatically extending battery life by as much as three times.

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