

# SP-7 SolarPulse 12V Solar Charger Maintainer, 7-Watt



**Charges, Maintains and Desulfates any 12-Volt Battery Outside**

- Works on any 12-volt lead-acid battery (VRLA, AGM, gel and flooded)
- Patented Pulse Technology keeps battery plates clean of damaging sulfate deposits
- High efficiency crystalline solar cells
- Indestructible commercial design
- 50% smaller than competitive products

The SP-7 provides a full 7 watts of power in a compact, durable 10.25" L x 8.85" W x 0.25" H solar panel. That's almost half the size of solar panels used in other 7-watt solar chargers. This and its low mounting profile allow for many installation options on vehicles or equipment stored outside. The solar panel replaces the power loss from electrical accessories that occurs even when the ignition is switched off and PulseTech's patented Pulse Technology reverses the damaging effects of naturally occurring sulfates.

Rated at 450 mA, the SP-7 charges, maintains and desulfates any type of 12-volt lead-acid battery including AGM (maintenance-free), flooded cell, gel cell and VRLA. It utilizes PulseTech's unrivaled solar charging system combined with a patented optimized high-frequency pulsing circuit to ensure batteries start and release maximum power when needed and last up to three times longer.

This uniquely designed solar panel is made of highly efficient proven crystalline silicon photovoltaic cells, encapsulated with a clear polyurethane plastic coating (instead of a breakable glass coating), and mounted on a laminated aluminum substrate back plate that is less than 1/4" thick. This makes the panel virtually indestructible, impervious to weather and resistant to damage. If you've used solar chargers before, you know it's important to choose the right solar panel for the amount of power you need and the size and place of the mounting loca-



tion. In the past to get the power you needed, you had to struggle with panels that were too big, too bulky and too fragile. PulseTech's higher efficiency, higher quality crystalline silicone cells pack more power per square inch and have a longer life than standard amorphous "thin film" cells. That means you can get the power you need in a sturdier, smaller-sized solar panel.

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, dims when the panel is exposed to partial sunlight and goes out at night. Reverse polarity protected. Ten-year limited warranty.

## Specifications

Input Electrical	
Solar Powered	
Output Electrical	
Output Current	450 mA
Output Voltage, Maximum	16.5 V dc
Environmental	
Operating Temperature	0°F to 130°F (-18°C to 54°C)
Storage Temperature	0°F to 150°F (-18°C to 66°C)

Mechanical/Physical Characteristics	
Circuit Box Dimensions	3.4" L x 2.4" W x 1.5" H
Solar Panel Dimensions	10.25" L x 8.85" W x 0.25" H
Shipping Weight	2.65 lbs.
Box-to-Lug Wire Length:	3'
Box-to-Panel Wire Length:	17'
Quick Disconnect at Battery	
Indicators	
Bright LED indicates charging	

## Ordering Information

735X467

Part Number

SP-7

Model Number