

SP-12 SolarPulse Solar Charger, 12-Watt



Maximizes the Performance of Batteries Connected in Parallel

- Works on all 12V lead-acid battery systems (VRLA, AGM, gel and flooded cell)
- Designed to keep three to four batteries connected in parallel in peak condition
- Restores the normal loss of battery power of older batteries
- Patented Pulse Technology extends battery life by 3 times
- Dramatically reduces jump starts on seldom used vehicles
- Panels are 30% smaller per watt and twice as efficient
- Rugged PU* Encapsulated Solar Panel

*Polyurethane (PU and PUR) is a resilient, flexible and durable (virtually indestructible) polymer material composed of organic units joined by carbamate (urethane) links which do not melt when heated.



The SP-12 provides a full 12 watts of power in a compact, durable 12.41" L x 9.85" W x 0.2" H solar panel. Its low mounting profile allows for multiple installation options on vehicles or equipment stored outside. This 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 extending battery life up to three times.

Rated at 750 mA, the SP-12 charges, maintains and desulfates any type of 12-volt lead-acid battery system including AGM (maintenance-free), flooded cell, gel cell and VRLA and is designed to keep three to four lead-acid batteries connected in parallel in peak condition. It utilizes PulseTech's unrivaled solar charging system combined with a patented optimized high-frequency pulsing circuit to ensure batteries always start and release maximum power when needed no matter how long they've been sitting unused.

Our uniquely designed SolarPulse solar panels are made of highly efficient monocrystalline 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. PulseTech's higher efficiency, higher quality monocrystalline 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 fades during partial sunlight. Reverse polarity protected. Ten-year limited warranty.

Specifications

Input Electrical

Solar Powered, 12 Watts

Output Electrical

Output Current 750 mA

Output Voltage, Bulk Charge 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

Solar Panel Dimensions 12.41" L x 9.85" W x .2" H

Circuit Box Dimensions 3.4" L x 2.4" W x 1.5" H

Weight 2.5 pounds

Shipping Weight 3.15 pounds

Leads (Box to Ring Terminal): 3'

Wire Length from Solar Box to Panel 17'

Indicators

Red LED shines steady in full sunlight

Warranty

Ten-year limited warranty

Ordering Information

Part Number 735X468

Model Number SP-12

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