

# SP-12 OBD-T Temporary SolarPulse 12V Solar Charger, 12-Watt

## Allows Temporary Solar Panel Mounting in Minutes

- Charges, desulfates and maintains any 12V lead-acid battery (VRLA, AGM, gel and flooded)
- Connects directly to the OBD connector
- Can be mounted and removed in minutes
- Keeps 3-4 batteries connected in parallel in peak condition
- Patented Pulse Technology keeps battery plates clean of damaging sulfate deposits
- Reduces jumpstarts on seldom-used vehicles & equipment

\*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 OBD-T provides a full 12 watts of power in a compact, durable temporary 12.41" L x 9.85" W x 0.2" H solar panel. This solar charger can be temporarily installed and removed in minutes by connecting directly to the OBD connector. Four suction cups attach the solar panel to the vehicle's interior windshield. 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-OBD-T 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.

It features a solid LED light - indicator of full sunlight/ working at optimum level. The light dims when the panel is exposed to partial sunlight. Reverse polarity protected. Ten-year limited warranty excluding suction cups.

**Replacement suction cups are available (Part Number: 735X834)**

### 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 2.9 pounds

Leads (Box to Ring Terminal): 3'

Wire Length from Solar Box to Panel 17'

#### Indicators

Red LED shines steady in full sunlight, and dims in partial sunlight

#### Warranty

Ten-year limited warranty (excluding suction cups)

### Ordering Information

Part Number 735X353

Model Number SP-12-OBD-T