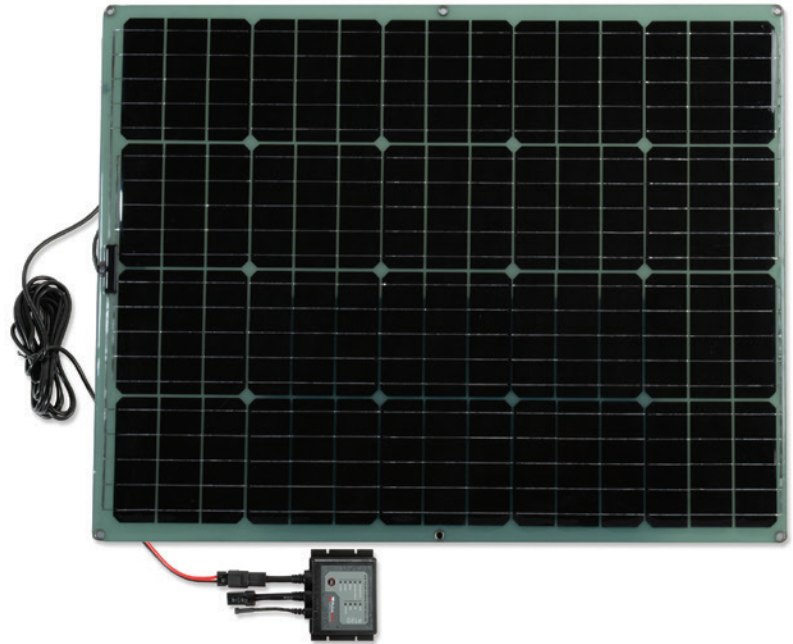


SP-50 24V PulseTech Battery Solar Pulse Charger, 50-Watt Part #: 906X165 NSN: Pending

Description:

The PulseTech® SP-50 24V Solar Pulse Charger (53.65 Watt, 1.62A) with the PT20 Solar Charge Controller will charge and desulfate all 24-volt battery systems ensuring maximum battery performance. It works with any lead-acid batteries (VRLA, AGM, flooded cell and gel) increasing the battery's ability to maintain charge and accept re-charge, and extending battery life. The 20A solar pulse charge controller features the advanced pulse width modulated (PWM) technology, temperature compensation and advanced pre-programmed multi-staged charging algorithms. With 12V and 24V auto-switching, the unit automatically controls the solar charging power and protects batteries.



The SP-50 24V solar kit includes a solar panel (25.5" x 22" x 0.50"), solar pulse charge controller with a temperature sensor (9.5'), fused battery harness (9.8') and solar input adapter, plus 3" black thin-wall heat shrink tubing (3/8" diameter).

Specifications:

| Input Electrical | |
|--|--------------------------------|
| Solar Panel | 53.65 Watt |
| Output Electrical | |
| Max Charging DC Voltage | 24V |
| Max Charging Current | 1.62 Amp |
| Mechanical/Physical Characteristics | |
| Solar Panel Dimensions | 22" L x 25.5" W x 0.5" H |
| PT20 Wire/Descriptions | |
| Solar Panel to Controller Input Wire | 5.2m or 15' |
| 12 AWG Battery to Controller Power Feed Wire with 25A Fuse | 3m or 9'10" |
| 12 AWG ATP Plug with Butt Splice Wire | 15.2cm or 6" |
| Battery Temperature Sensor Wire | 2.9m or 9.5' |
| Environmental | |
| Operating Temperature | -31°F to 149°F (-35°C to 65°C) |
| Storage Temperature | 0°F to 150°F (-18°C to 66°C) |
| Protection Category | IP66 |

| PT20 Indicators | |
|-----------------|--|
| Solar Status | Green light: solar is present and >15V Off: solar is <15V |
| Battery Status | Solid Green: float/fully charged Fast Blinking Green (6x per sec.): absorption Solid Orange: bulk charging Solid Red: soft charging Blinking Red: battery error Off: no battery connected |
| Pulse | Blinking Red: PulseTech Pulsing Technology is working Off: Pulsing is off |
| 12 Volt | Solid Green: system voltage is 12V Off: system voltage is 24V |
| 24 Volt | Solid Green: system voltage is 24V Off: system voltage is 12V |
| Battery Type | Solid Green light: battery type listed is the active profile Off: another battery type is set as the active profile |