

Model 5310 Solar Panel Voltage Regulator

- Usable with Any Size Lead-Acid Battery
- No Reverse Current Flow
- Safe Float Charging for Long Battery Life



PHONE: (800) 275-2080

HIGH SIERRA ELECTRONICS, INC.

FAX: (530) 273-2089



DESCRIPTION:

The 5310 ProTech Solar Panel Voltage Regulator is intended for float charging of lead acid batteries. It is compatible with solar arrays whose current output is less than or equal to 3 Amperes. It may be used with any size lead-acid battery. Unlike some other regulators, the 5310 will not damage your battery due to overcharging.

The 5310 will act as a blocking diode when the battery voltage is greater than the solar array voltage. There will be no reverse current flow. The 5310 draws no current from the battery.

The regulator includes a thermal switch which will momentarily interrupt the current flow when the 5310 is dissipating too much heat.

While the 5310 can be installed outdoors, it is best to choose a mounting position which is protected from direct falling rain and from direct sunlight. This can usually be accomplished by mounting the regulator on the backside of the solar panel.

SPECIFICATIONS:

Operation Voltage 12 to 20 VDC

Output Voltage 13.7 VDC

Output Current Limit 3 Amps

Operating Temperature Range -40° to 140° F (-40 ° to 60 ° C)

Max/Min Wire Size 12 AWG / 24 AWG

Mounting Holes 2 Each - 3/16 inch holes, 2.5 in. (6.35 cm) apart

Dimensions 1.5 x 1.5 x 3 in (3.8 x 3.8 x 7.6 cm)

Weight 4 oz. (113.4 grams)

Shipping Weight 1 lb (453.6 grams)

ORDERING GUIDE:

Model 5310-00 Voltage Regulator: ProTech 3 Amp Module.
Quantity Discounts Available.

02-5310-00(B)

Environmental Monitoring Solutions

WEB SITE: www.highsierraelectronics.com E-MAIL: sales@highsierraelectronics.com