



J & S Instruments, Inc.

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SC-300 SERIES SOLAR REGULATOR DATA SHEET



The SC-300 Series Solar Regulators are a solid state device that will prevent overcharging of lead acid, gel, or other types of batteries, while using its designed charge control process. It is primarily designed for special applications in which an extremely low controller overhead is desired. The unit will not present any significant parasitic loading on the battery system.

The electronics are housed in an anodized aluminum chassis and encapsulated in a hard epoxy resin for maximum environmental protection. The terminal block accepts up to 12 gauge wire or a space connector, providing easy simple installation. This unit has a temperature compensation feature, which responds to changing temperature by producing a variable DC output voltage. This will optimize the recharging rate for any given battery temperature and is of primary importance in cool climates.

A charging light (LED) indicates when voltage is being passed to the battery and a blocking diode are incorporated in this design.

SPECIFICATIONS:	SC-310	SC-340
Voltage:	12 VDC	12 VDC
Current Rating:	1 A	4 A
Dimensions:	6" x 2.5" x 1.25"	Same
Temperature:	-70°to 150°F	Same

The SC-300 Series Solar Regulators come complete with a full one year warranty against defects in materials or workmanship.

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