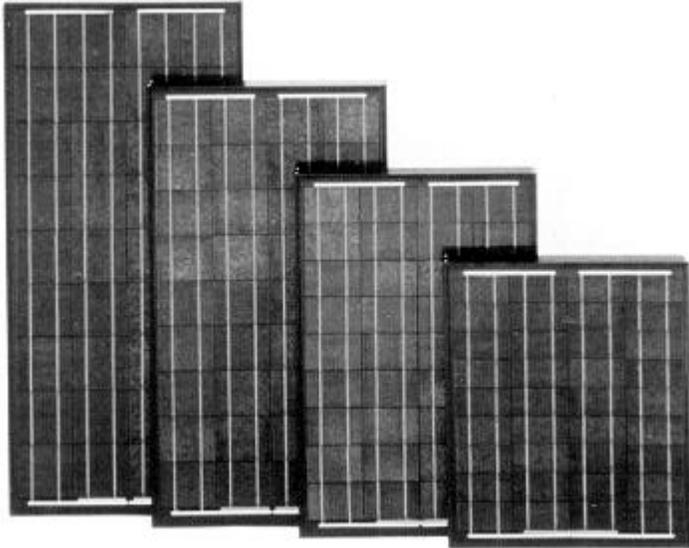




J & S Instruments, Inc.

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SP-100 SERIES SOLAR PANEL DATA SHEET



The SP-100 Series Solar Panels are photovoltaic units designed to provide source voltage for operating low DC voltage equipment and recharging battery systems at remote locations where AC voltage is not available. These rugged units are lightweight and highly portable due to being made without the more typical glass cover subsequently making them virtually unbreakable. Each unit comes with a ten foot, 18 gauge, two conductor, color coded cable for easy installation to balance of the solar package.



OPTION: For easy installation of the SP-100 Series Solar Panels to the side of a pole or mast, racks are available for all models of panels. Complete hardware for assembly and for tipping the panels to the same angle as the sun (perpendicular) comes with this option. Once the panels are installed on the rack, they can be tipped from 0° to 90° of the ground. Two each two inch u-bolts are provided for securing the rack to a fixed location. To order, add suffix -R to model number.

The SP-100 Series Solar Panels and Racks come complete with a full one year warranty against defects in materials or workmanship.

SPECIFICATIONS:				
Models	Rating (Watt)	Voltage (V _{peak})	Current (I _{peak})	Dimensions (L x W x D in)
SP-110	10.0	17.1	.58	16.5 x 10.6 x 0.9
SP-120	20.0	17.1	1.17	19.8 x 16.6 x 2.1
SP-130	30.0	17.1	1.75	23.3 x 19.8 x 2.1
SP-140	40.0	17.1	2.34	30.1 x 19.8 x 2.1
SP-150	50.0	17.1	2.92	43.6 x 19.8 x 2.0
SP-160	60.0	17.1	3.50	43.6 x 19.8 x 2.0

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