

Sol-Gen Off-Grid Solar Systems with BP SX3190B Modules

These systems provide power for remote home sites; plus they qualify for a 30% Federal Tax Credit



SOL-GEN® Off-Grid systems automatically convert free sunshine into standard utility power quietly and reliably. These state of the art packages include all the major components needed for a complete installation. The modules are BP Solar 190 watt, high performance polycrystalline silicon with quick-connect (MC) wires, integral bypass diodes, attractive robust dark anodized aluminum frames and are covered by a 25-year output warranty. The Professional Solar Ground-Trac mounting hardware is fabricated with stainless steel hardware and anodized aluminum rails and clamps, engineered and designed for rapid, durable installation. (Other mounts also available). All systems include the Xantrex XW Series or OutBack VFX with Flexware 500 components, ground fault protection, 60A MPPT Charge Regulator(s), array output wires, array combiner box(es) and Wiley Electronics grounding hardware. The batteries are deep cycle flooded lead-acid. Installation cost will vary depending on the size of the system, type of mounting and location. All systems include an Automatic Generator Start/Stop Controller. The Xantrex systems come with a Trimetric battery status monitor. The Outback systems include the FlexNet DC system monitor with single shunt.

SOL-GEN SG Off-Grid Systems with BP Solar SX3190B Modules and either Xantrex XW or OutBack VFX Equipment

Model Number	SG1500-OB3.6	SG2300-XW4.5	SG2300-XW6	SG2300-OB7.2	SG3900-XW9	SG4600-XW12
Quote Number	105515	105461	105462	105516	105463	105464
PV STC (Nameplate) Peak Power Rating	1520	2280	2280	2340	3900	4560
Number and Size of Modules	8 x 190	12 x 190	12 x 190	12 x 190	20 x 190	24 x 190
PV Array Area Sq. Ft. (Approx)	122	183	183	183	305	365
MPPT Regulators (Amps and Qty)	60 x 1	60 x 1	60 x 1	60 x 1	60 x 2	60 x 2
Inverter Type / Size (load watts continuous)	OB - 3600	XW - 4500	XW - 6000	OB - 7200	XW - 9000	XW - 12000
Inverter Output Voltage	120	120/240	120/240	120/240	120/240	120/240
Batteries # / Voltage / AH (20 Hr Rate)	8 / 6 / 370	16 / 6 / 370	16 / 6 / 370	16 / 6 / 370	16 / 6 / 370	24 / 6 / 400
Battery Capacity at 80% Depth of Discharge	14.2 kWh	28.4 kWh	28.4 kWh	28.4 kWh	28.4 kWh	46 kWh
List Price	\$17,523	\$24,895	\$25,590	\$28,384	\$39,125	\$51,687

Retail Prices: Sales Tax, Installation & Permitting not Included. Contractor Discounts Available.

Array design is for locations that never get below -4 Deg F

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