

SOL-GEN™ UT UTILITY-TIED SYSTEMS w/ BP SOLAR SX3190B MODULES

These systems qualify for a rebate from the California Public Utilities Commission and a 30% Federal Tax Credit



Sol-Gen™ UT systems automatically convert sunshine directly into electricity. These systems produce clean, cost-effective power, silently, with no moving parts. When the power you generate is greater than what your house is using, your electric meter will run backwards and reduce your utility bill. Current laws require the utility companies to credit you for the power at the same rate you pay up to break even.

These systems include high performance BP Solar SX3190B modules with quick-connect (MC) wires, integral bypass diodes and attractive robust dark anodized aluminum frame. The modules are covered by a 25-year output warranty. The standard mounting hardware includes flashed roof attachments. The flush mounting hardware included is fabricated with stainless steel hardware and anodized aluminum, engineered and designed for rapid, durable installation. All switchgear and ground fault protection for the array are included and UL listed. Integrated CEC approved performance metering is included in all of these systems. Meters show the instantaneous power output, as well as daily and cumulative KWH production.

In the event of a utility power failure these systems will not operate. If you would like a system that would protect you from blackouts, select one of our Sol-Gen™ UB systems. Feeding power back to the utility grid requires a net metering agreement with your utility company. Similar systems available for 3-phase 208VAC output. Installation costs vary depending on the size of the system, type of roof and location.

Systems with **SMA America** inverters include the 3000, 4000, 5000, 6000 and the 7000 models. SMA inverters are made in Germany and come with a 10-year warranty. Metering options available; web monitoring with the WebBox.

Systems with **PV Powered** inverters include the 1100, 2000, 2500, 3000, 3500, 4800 and 5200 models. PV Powered inverters are made in the US, include integrated DC disconnects and come with a 10-year warranty. Web based monitoring system is available.

Systems with **Fronius** inverters include the IG series 2000, 3000(2700W), 4000 and 5100 models. These inverters include AC and DC breakers. Also included is the IG Plus series 3.0, 3.8, 5.0, 6.0, 7.5, 10 and 11.4 models, which all have integrated DC, disconnects. Fronius inverters are manufactured in Austria and come with a 10-year warranty. Remote monitoring options are available.

Systems with **Solectria** inverters include the PVI series 1800, 3000(2900W), 4000(3900W), 5000(4900W) and 5300 models. These inverters (except 1800) include an integrated DC disconnect. Solectria inverters are made in Taiwan and come with a 10-year warranty. Remote monitoring options are available.

See next page for pricing.

SOL-GEN UT Utility-Tied Solar Electric Systems with BP SX3190B Modules and Fronius Inverters

Model Number	UT1550F	UT1900F	UT2400F	UT2500F	UT2700F	UT3100F	UT3400F	UT3750F	UT4700F
Quote Number	108896	111347	111349	111350	111351	111352	108921	111354	108923
PV Peak Power (Watts DC)	1900	2280	2850	3040	3230	3800	4180	4560	5700
PV Peak Power (Watts AC)*	1552	1862	2378	2536	2695	3121	3433	3745	4706
# of Strings & # in Each String	1 x 10	1 x 12	1 x 15	1 x 16	1 x 17	2 x 10	2 x 11	2 x 12	3 x 10
PV Array Area Sq. Ft. (Approx)	155	185	230	245	260	305	335	365	455
Average Daily KWH (CEC)*	7.8	9.3	11.9	12.7	13.5	15.6	17.2	18.7	23.5
Inverter Size (watts continuous)	IG 2000	IG 2000	IG+ 3000	IG+ 3000	IG+ 3000	IG 4000	IG 4000	IG 4000	IG 5100
List Price	\$10,591	\$12,964	\$15,241	\$16,037	\$16,926	\$20,138	\$21,716	\$23,157	\$28,318
PG&E/CCSE Rebate (@\$1.10/Watt)*	\$1,707	\$2,048	\$2,616	\$2,790	\$2,965	\$3,433	\$3,776	\$4,120	\$5,177
SCE Rebate (@\$1.90/Watt)*	\$2,949	\$3,538	\$4,518	\$4,818	\$5,121	\$5,930	\$6,523	\$7,116	\$8,941

SOL-GEN UT Utility-Tied Solar Electric Systems with BP SX3190B Modules and Fronius Inverters

Model Number	UT4750F	UT5100F	UT5400F	UT7100F	UT7500F	UT8100F	UT9500F	UT10000F	UT10800F
Quote Number	111373	111374	111375	111442	111445	111447	111450	111451	111452
PV Peak Power (Watts DC)	5700	6080	6460	8550	9120	9690	11400	12160	12920
PV Peak Power (Watts AC)*	4756	5099	5418	7134	7500	8085	9512	10000	10836
# of Strings & # in Each String	2 x 15	2 x 16	2 x 17	3 x 15	3 x 16	3 x 17	4 x 15	4 x 16	4 x 17
PV Array Area Sq. Ft. (Approx)	455	486	520	685	730	775	685	975	1035
Average Daily KWH (CEC)*	23.8	25.5	27.1	35.7	37.5	40.4	47.6	50.0	54.2
Inverter Size (watts continuous)	IG+ 5000	IG+ 6000	IG+ 6000	IG+ 7500	IG+ 7500	IG+ 10000	IG+ 10000	IG+ 10000	IG+ 11400
List Price	\$29,270	\$31,141	\$33,055	\$42,569	\$44,852	\$47,970	\$56,573	\$59,798	\$64,223
PG&E/CCSE Rebate (@\$1.10/Watt)*	\$5,232	\$5,609	\$5,960	\$7,847	\$8,250	\$8,894	\$10,463	\$11,000	\$11,920
SCE Rebate (@\$1.90/Watt)*	\$9,036	\$9,688	\$10,294	\$13,555	\$14,250	\$15,362	\$18,073	\$19,000	\$20,588

SOL-GEN UT Systems with BP SX3190B Modules and PV Powered Inverters

Model Number	UT1500P	UT1800P	UT2200P	UT4450P
Quote Number	108919	111376	111425	111426
PV Peak Power (Watts DC)	1900	2280	2660	5320
PV Peak Power (Watts AC)*	1536	1843	2196	4462
# of Strings & # in Each String	1 x 10	1 x 12	1 x 14	2 x 14
PV Array Area Sq. Ft. (Approx)	155	185	212	425
Average Daily KWH (CEC)*	7.7	9.2	11.0	22.3
Inverter Size (watts continuous)	PVP 2000E-D	PVP 2000E-D	PVP 2500-D	PVP 4800-D
List Price	\$10,771	\$12,307	\$14,241	\$26,702
PG&E/CCSE Rebate (@\$1.10/Watt)*	\$1,690	\$2,027	\$2,416	\$4,908
SCE Rebate (@\$1.90/Watt)*	\$2,918	\$3,502	\$4,172	\$8,478

SOL-GEN UT Utility-Tied Solar Electric Systems with BP SX3190B Modules and Solectria Renewables Inverters

Model Number	UT2100R	UT2200R	UT2400R	UT2550R	UT2700R	UT4100R	UT4500R	UT4800R	UT5100R
Quote Number	111241	111240	111239	111238	111237	111236	111233	111234	111235
PV Peak Power (Watts DC)	2470	2660	2850	3040	3230	4940	5320	5700	6080
PV Peak Power (Watts AC)*	2072	2231	2390	2550	2709	4143	4462	4781	5099
# of Strings & # in Each String	1 x 13	1 x 14	1 x 15	1 x 16	1 x 17	2 x 13	2 x 14	2 x 15	2 x 16
PV Array Area Sq. Ft. (Approx)	200	212	230	245	260	395	425	455	485
Average Daily KWH (CEC)*	10.4	11.2	12.0	12.8	13.5	20.7	22.3	23.9	25.5
Inverter Size (watts continuous)	PVI 3000	PVI 3000	PVI 3000	PVI 3000	PVI 3000	PVI 5000	PVI 5000	PVI 5000	PVI 5300
List Price	\$13,299	\$14,842	\$14,864	\$15,586	\$16,502	\$25,113	\$26,527	\$28,546	\$29,999
PG&E/CCSE Rebate (@\$1.10/Watt)*	\$2,279	\$2,454	\$2,629	\$2,805	\$2,980	\$4,557	\$4,908	\$5,259	\$5,609
SCE Rebate (@\$1.90/Watt)*	\$3,937	\$4,239	\$4,541	\$4,845	\$5,147	\$7,872	\$8,478	\$9,084	\$9,688

SOL-GEN UT Utility-Tied Solar Electric Systems with BP SX3190B Modules and SMA Inverters

Model Number	UT2050S	UT2200S	UT4750S	UT5100S	UT5400S	UT9500S	UT10100S	UT6700S
Quote Number	111454	111456	111421	111423	111424	111461	111464	111459
PV Peak Power (Watts DC)	2470	2660	5850	6080	6460	11400	12160	7980
PV Peak Power (Watts AC)*	2050	2208	4756	5073	5390	9512	10146	6693
# of Strings & # in Each String	1 x 13	1 x 14	2 x 15	2 x 16	2 x 17	4 x 15	4 x 16	3 x 14
PV Array Area Sq. Ft. (Approx)	200	212	454	484	515	910	970	636
Average Daily KWH (CEC)*	10.3	11.0	23.8	25.4	27.0	47.6	50.7	33.5
Inverter Size (watts continuous)	SMA 3000	SMA 3000	SMA 5000	SMA 6000	SMA 6000	2 x SMA 5000	2 x SMA 6000	SMA 7000
List Price	\$13,514	\$14,470	\$28,717	\$30,600	\$32,206	\$57,724	\$61,381	\$39,330
PG&E/CCSE Rebate (@\$1.10/Watt)*	\$2,255	\$2,429	\$5,232	\$5,580	\$5,929	\$10,463	\$11,161	\$7,362
SCE Rebate (@\$1.90/Watt)*	\$3,895	\$4,195	\$9,036	\$9,639	\$10,241	\$18,073	\$19,277	\$12,717

The UT6700S System to the right is suitable for sites with Temps < 86 Deg F and No Shading

*Prices are suggested retail and do not include sales tax, installation or permitting. Contractor discounts available.

*Estimate based on 5 ESH Equivalent Sun Hours, south facing array. Design & Geographic Factor of 1.0. May be lower based on site specific factors.

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