

SOL-GEN™ UT UTILITY-TIED SYSTEMS w/ BP SOLAR 3230N 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 3230N modules with a tight +/- 3% tolerance; quick connect (MC3) wires, integral bypass diodes and robust clear anodized aluminum frames. The modules are covered by a 25-year power output warranty. The flush mounting hardware included is fabricated with stainless steel hardware and anodized aluminum, engineered and designed for rapid, durable installation. The standard mounting hardware includes flashed roof attachments. 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 include integrated DC disconnects, are made in the US 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 US / Taiwan and come with a 10-year warranty. Remote monitoring options are available.

See next page for pricing.

SOL-GEN UT Systems with BP 3230N Modules and Fronius Inverters

Model Number	UT1500NF	UT1900NF	UT2300NF	UT2500NF	UT2700NF	UT3400NF	UT3800NF	UT4200NF
Quote Number	117265	117134	117135	117141	117142	117288	117136	117143
PV Peak Power (Watts DC)	1840	2300	2760	2990	3220	4140	4600	5060
PV Peak Power (Watts AC)*	1512	1891	2281	2510	2703	3421	3801	4248
# of Strings & # in Each String	1 x 8	1 x 10	1 x 12	1 x 13	1 x 14	2 x 9	2 x 10	2 x 11
PV Array Area Sq. Ft. (Approx)	144	180	216	234	252	324	360	396
Average Daily KWH (CEC)*	7.6	9.5	11.4	12.6	13.5	17.1	19.0	21.2
Inverter Size (watts continuous)	IG 2000	IG 2000	IG 3000	IG+ 3000	IG+ 3000	IG 4000	IG 4000	IG+ 5000
List Price	\$10,119	\$12,052	\$14,132	\$15,543	\$16,408	\$21,093	\$22,972	\$26,228
See notes below on Temp Restrictions			14		-13			104

SOL-GEN UT Systems with BP 3230N Modules and Fronius Inverters

Model Number	UT4600NF	UT5000NF	UT5400NF	UT6950NF	UT7500NF	UT8100NF	UT9200NF	UT10700NF
Quote Number	117138	117145	117149	117308	117309	117178	117312	117313
PV Peak Power (Watts DC)	5520	5980	6440	8280	8970	9660	11040	12650
PV Peak Power (Watts AC)*	4586	5000	5435	6951	7500	8110	9269	10676
# of Strings & # in Each String	2 x 12	2 x 13	2 x 14	3 x 12	3 x 13	3 x 14	4 x 12	5 x 11
PV Array Area Sq. Ft. (Approx)	432	467	503	647	701	755	863	988
Average Daily KWH (CEC)*	22.9	25.0	27.2	34.8	37.5	40.6	46.3	53.4
Inverter Size (watts continuous)	IG 5100	IG+ 5000	IG+ 6000	IG+ 7500	IG+ 7500	IG+ 10000	IG+ 10000	IG+ 11400
List Price	\$27,064	\$29,973	\$32,192	\$40,602	\$44,021	\$48,482	\$53,863	\$61,679
See notes below about temperature restrictions	14		-4			-4		104

SOL-GEN UT Systems with BP 3230N Modules and PV Powered Inverters

Model Number	UT1500NP	UT1800NP	UT2300NP	UT3900NP	UT4300NP	UT4650NP
Quote Number	117307	117179	117191	117193	117238	117237
PV Peak Power (Watts DC)	1840	2300	2760	4600	5060	5520
PV Peak Power (Watts AC)*	1496	1830	2293	3882	4270	4659
# of Strings & # in Each String	1 x 8	1 x 10	1 x 12	2 x 10	2 x 11	2 x 12
PV Array Area Sq. Ft. (Approx)	144	180	216	360	396	432
Average Daily KWH (CEC)*	7.5	9.2	11.5	19.4	21.4	23.3
Inverter Size (watts continuous)	PVP2000S	PVP2000S	PVP 2500	PVP4800	PVP4800	PVP4800
List Price	\$10,213	\$12,162	\$14,273	\$23,202	\$25,023	\$27,019
See notes below about temperature restrictions			14			14

SOL-GEN UT Systems with BP 3230N Modules and Solectria Renewables Inverters

Model Number	UT1500NR	UT1900NR	UT2300NR	UT2700NR	UT3900NR	UT4300NR	UT4650NR	UT5000NR
Quote Number	117290	117183	117291	117292	117194	117239	117240	117241
PV Peak Power (Watts DC)	1840	2300	2760	3220	4600	5060	5520	5980
PV Peak Power (Watts AC)*	1496	1931	2329	2718	3882	4270	4659	4900
# of Strings & # in Each String	1 x 8	1 x 10	1 x 12	1 x 14	2 x 10	2 x 11	2 x 12	2 x 13
PV Array Area Sq. Ft. (Approx)	144	180	216	252	360	396	431	467
Average Daily KWH (CEC)*	7.5	9.7	11.6	13.6	19.4	21.4	23.3	24.5
Inverter Size (watts continuous)	PVI 1800	PVI 3000	PVI 3000	PVI 3000	PVI 4000	PVI 5000	PVI 5000	PVI 5000
List Price	\$10,095	\$12,190	\$14,188	\$16,127	\$22,530	\$25,161	\$27,054	\$29,271
See notes below about temperature restrictions				-4				

SOL-GEN UT Systems with BP 3230N Modules and SMA Inverters

Model Number	UT2300NS	UT4600NS	UT5000NS	UT5400NS	UT7000NS
Quote Number	117295	117296	117242	117310	117311
PV Peak Power (Watts DC)	2760	5520	5980	6440	8280
PV Peak Power (Watts AC)*	2305	4634	5000	5406	6988
# of Strings & # in Each String	1 x 12	2 x 12	2 x 13	2 x 14	3 x 12
PV Array Area Sq. Ft. (Approx)	216	431	467	503	647
Average Daily KWH (CEC)*	11.5	23.2	25.0	27.0	34.9
Inverter Size (watts continuous)	SMA 3000	SMA 5000	SMA 5000	SMA 6000	SMA 7000
List Price	\$14,252	\$27,680	\$29,742	\$31,942	\$39,710
See notes below about temperature restrictions	14	104		-4	104

104 = system design not recommended for sites with ambient high temperatures > 104 Deg F

5 = system design not recommended for sites with ambient low temperatures < 5 Deg F

-13 = system design not recommended for sites with ambient low temperatures < -13 Deg F

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

REV 02-10

*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.