

SOL-GEN™ UT UTILITY-TIED SYSTEMS w/ BP SOLAR 3225T 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 3225T modules with a tight + 5% - 3% tolerance; quick connect locking (MC4) wires, integral bypass diodes and robust clear anodized aluminum frames. The modules are covered by a 25-year output warranty for 85% power (Highest in the Industry). 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, 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, 3500, and 4800 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 3225T Modules and Fronius Inverters

Model Number	UT1500TF	UT1850TF	UT2000TF	UT2200TF	UT2450TF	UT2650TF	UT3350TF	UT3700TF	UT4150TF
Quote Number	121495	121496	121497	121498	121499	121500	121501	121502	121503
PV Peak Power (Watts DC)	1800	2250	2475	2700	2925	3150	4050	4500	4950
PV Peak Power (Watts AC)*	1478	1848	2000	2231	2454	2643	3345	3716	4154
# of Strings & # in Each String	1 x 8	1 x 10	1 x 11	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	198	216	234	252	324	360	396
Average Daily KWH (CEC)*	7.4	9.2	10.0	11.2	12.3	13.2	16.7	18.6	20.8
Inverter Size (watts continuous)	IG 2000	IG 2000	IG 2000	IG 3000	IG+ 3000	IG+ 3000	IG 4000	IG 4000	IG+ 5000
List Price	\$9,145	\$10,991	\$11,681	\$12,658	\$14,019	\$14,813	\$18,811	\$20,549	\$23,570
See notes on Temp Restrictions				14		-4			104

SOL-GEN UT Systems with BP 3225T Modules and Fronius Inverters

Model Number	UT4500TF	UT4900TF	UT5300TF	UT6800TF	UT7400TF	UT7900TF	UT9100TF	UT10400TF	UT11400TF
Quote Number	121504	121505	121506	121507	121508	121509	121510	121511	121512
PV Peak Power (Watts DC)	5400	5850	6300	8100	8775	9450	10800	12375	13500
PV Peak Power (Watts AC)*	4484	4909	5314	6797	7363	7930	9062	10438	11400
# 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	5 x 12
PV Array Area Sq. Ft. (Approx)	432	467	503	647	701	755	863	988	1078
Average Daily KWH (CEC)*	22.4	24.5	26.6	34.0	36.8	39.7	45.3	52.2	57.0
Inverter Size (watts continuous)	IG 5100	IG+ 5000	IG+ 6000	IG+ 7500	IG+ 7500	IG+ 10000	IG+ 10000	IG+ 11400	IG+ 11400
List Price	\$24,155	\$26,874	\$29,277	\$36,248	\$39,432	\$43,260	\$48,139	\$55,036	\$60,877
See notes on Temp Restrictions	14		-4			-4		104	

SOL-GEN UT Systems with BP 3225T Modules and PV Powered Inverters

Model Number	UT1100TP	UT1300TP	UT1450TP	UT1650TP	UT2000TP	UT2200TP	UT3800NP	UT4200TP	UT4550TP
Quote Number	121551	121549	121514	121571	121516	121518	121519	121520	121521
PV Peak Power (Watts DC)	1350	1575	1800	2250	2475	2700	4500	4950	5400
PV Peak Power (Watts AC)*	1073	1273	1455	1637	2000	2242	3796	4175	4555
# of Strings & # in Each String	1 x 6	1 x 7	1 x 8	1 x 9	1 x 11	1 x 12	2 x 10	2 x 11	2 x 12
PV Array Area Sq. Ft. (Approx)	108	126	144	162	198	216	360	396	432
Average Daily KWH (CEC)*	5.4	6.4	7.3	8.2	10.0	11.2	19.0	20.9	22.8
Inverter Size (watts continuous)	PVP1100E	PVP2000E	PVP2000E	PVP2000E	PVP2000E	PVP2500D	PVP4800D	PVP4800D	PVP4800D
List Price	\$7,429	\$8,531	\$9,252	\$10,209	\$11,826	\$12,860	\$20,673	\$22,505	\$23,982
See notes on Temp Restrictions						14			14

SOL-GEN UT Systems with BP 3225T Modules and Solectria Renewables Inverters

Model Number	UT1500TR	UT1650TR	UT1900TR	UT2300TR	UT2650TR	UT3800TR	UT4200TR	UT4550TR	UT4900TR
Quote Number	121522	121523	121524	121525	121526	121527	121528	121529	121530
PV Peak Power (Watts DC)	1800	2250	2250	2700	3150	4500	4950	5400	5980
PV Peak Power (Watts AC)*	1463	1646	1897	2277	2657	3796	4175	4555	4900
# of Strings & # in Each String	1 x 8	1 x 9	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	162	180	216	252	360	396	431	467
Average Daily KWH (CEC)*	7.3	8.2	9.5	11.4	13.3	19.0	20.9	22.8	24.5
Inverter Size (watts continuous)	PVI 1800	PVI 1800	PVI 3000	PVI 3000	PVI 3000	PVI 4000	PVI 5000	PVI 5000	PVI 5000
List Price	\$9,424	\$10,260	\$11,117	\$12,713	\$14,495	\$20,070	\$22,377	\$23,983	\$25,764
See notes on Temp Restrictions					-4				

SOL-GEN UT Systems with BP 3225T Modules and SMA Inverters

Model Number	UT2250TS	UT4500TS	UT4900TS	UT5300TS	UT6800TS
Quote Number	121531	121532	121533	121534	121535
PV Peak Power (Watts DC)	2700	5400	5850	6300	8100
PV Peak Power (Watts AC)*	2254	4531	4909	5286	6832
# 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)*	11.3	22.7	24.5	26.4	34.2
Inverter Size (watts continuous)	SMA 3000	SMA 5000	SMA 5000	SMA 6000	SMA 7000
List Price	\$12,445	\$23,911	\$25,604	\$28,079	\$35,587
See notes below about temperature restrictio	14	104		-4	104

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

14 = system design not recommended for sites with ambient low temperatures < 14 Deg F

-4 = system design not recommended for sites with ambient low temperatures < -4 Deg F

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

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*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.