

SOL-GEN™ UT UTILITY-TIED SYSTEMS w/ BP SOLAR 3215B 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 3215B modules with a tight +5% -3% tolerance; quick connect locking (MC4) wires, integral bypass diodes and robust dark bronze anodized aluminum frames. The modules are covered by a 25-year output warranty for 85% power (Highest in the Industry). The Professional Solar Roof-Trac flush mounting hardware included is fabricated with stainless steel hardware and anodized aluminum rails, engineered and designed for rapid, durable installation. This series of Sol-Gen Systems includes the 164" XD rails and attachments designed for every 6' along each rail. The standard mounting hardware includes Otey flashed Fast Jack 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 3215B Modules and Enphase Inverters					
Model Number	UT1450BE	UT2200BE	UT4400BE	UT6600BE	UT9400BE
Quote Number	128971	128972	128973	128974	128977
PV Peak Power (Watts DC)	1720	2580	5160	7740	10320
PV Peak Power (Watts AC) CEC*	1471	2207	4414	6621	9421
# of AC circuits, # per circuit	1 X 8	1 X 12	2 x 12	3 x 12	4 x 12
PV Array Area Sq. Ft. (Approx)	144	216	431	648	862
Average KWH/Day (CEC)*	7.3	10.9	21.8	32.8	46.6
Inverter Size (watts continuous)	EN-M190	EN-M190	EN-M190	EN-M190	EN-M190
List Price	\$9,414	\$13,841	\$27,211	\$49,586	\$54,051

SOL-GEN UT Systems with BP 3215B Modules and Fronius Inverters							
Model Number	UT1450BF	UT1800BF	UT2000BF	UT2150BF	UT2400BF	UT2600BF	UT3300BF
Quote Number	121709	121710	121711	121712	121714	121720	121721
PV Peak Power (Watts DC)	1720	2150	2365	2580	2795	3010	3870
PV Peak Power (Watts AC)*	1448	1810	1991	2184	2404	2600	3276
# 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
PV Array Area Sq. Ft. (Approx)	144	180	198	216	234	252	324
Average Daily KWH (CEC)*	7.2	9.1	10.0	10.9	12.0	13.0	16.4
Inverter Size (watts continuous)	IG 2000	IG 2000	IG 2000	IG 3000	IG+ 3000	IG+ 3000	IG 4000
List Price	\$9,167	\$10,915	\$11,767	\$12,752	\$14,011	\$14,817	\$18,949
Historical Ambient Temperature Limit				14°F (L)		0°F (L)	

SOL-GEN UT Systems with BP 3215B Modules and Fronius Inverters								
Model Number	UT3600BF	UT4000BF	UT4400BF	UT6650BF	UT7200BF	UT8900BF	UT9600BF	UT11150BF
Quote Number	129820	121724	121725	121727	121728	121730	121731	121733
PV Peak Power (Watts DC)	4300	4730	5160	7740	8385	10320	11180	12900
PV Peak Power (Watts AC)*	3640	4000	4437	6656	7211	8875	9614	11151
# of Strings & # in Each String	2 x 10	2 x 11	2 x 12	3 x 12	3 x 13	4 x 12	4 x 13	5 x 12
PV Array Area Sq. Ft. (Approx)	360	396	432	647	701	863	934	1078
Average Daily KWH (CEC)*	18.2	20.0	22.2	33.3	36.1	44.4	48.1	55.8
Inverter Size (watts continuous)	IG 4000	IG 4000	IG+ 5000	IG+ 7500	IG+ 7500	IG+ 10000	IG+ 10000	IG+ 11400
List Price	\$20,592	\$22,274	\$25,150	\$36,235	\$39,298	\$48,607	\$51,522	\$59,281

SOL-GEN UT Systems with BP 3215B Modules and PV Powered Inverters					
Model Number	UT1250BP	UT1400BP	UT1800BP	UT4100BP	UT4450BP
Quote Number	121803	121813	121815	121820	121821
PV Peak Power (Watts DC)	1505	1720	2150	4730	5160
PV Peak Power (Watts AC)*	1247	1425	1781	4089	4461
# of Strings & # in Each String	1 x 7	1 x 8	1 x 10	2 x 11	2 x 12
PV Array Area Sq. Ft. (Approx)	126	144	180	396	432
Average Daily KWH (CEC)*	6.2	7.1	8.9	20.4	22.3
Inverter Size (watts continuous)	PVP2000E	PVP2000E	PVP2000E	PVP4800D	PVP4800D
List Price	\$8,540	\$9,242	\$10,975	\$22,513	\$24,063
Historical Ambient Temperature Limit				14°F (L)	

SOL-GEN UT Systems with BP 3215B Modules and Solectria Renewables Inverters							
Model Number	UT1400BR	UT1600BR	UT2200BR	UT2600BR	UT3700BR	UT4450BR	UT4800BR
Quote Number	121855	121837	121857	121858	121859	121863	121864
PV Peak Power (Watts DC)	1720	1935	2580	3010	4300	5160	5590
PV Peak Power (Watts AC)*	1433	1612	2230	2602	3717	4461	4832
# of Strings & # in Each String	1 x 8	1 x 9	1 x 12	1 x 14	2 x 10	2 x 12	2 x 13
PV Array Area Sq. Ft. (Approx)	144	162	216	252	360	431	467
Average Daily KWH (CEC)*	7.2	8.1	11.2	13.0	18.6	22.3	24.2
Inverter Size (watts continuous)	PVI 1800	PVI 1800	PVI 3000	PVI 3000	PVI 4000	PVI 5000	PVI 5000
List Price	\$9,156	\$10,062	\$12,745	\$14,471	\$20,065	\$24,022	\$25,848
Historical Ambient Temperature Limit				0°F (L)			

SOL-GEN UT Systems with BP 3215B Modules and SMA Inverters							
Model Number	UT2000BS	UT2200BS	UT4800BS	UT5200BS	UT7000BS	UT9600BS	UT10400BS
Quote Number	121870	121869	128761	121872	126588	128867	128865
PV Peak Power (Watts DC)	2365	2580	5590	6020	8385	11180	12040
PV Peak Power (Watts AC)*	2023	2207	4807	5176	7000	9614	10352
# of Strings & # in Each String	1 x 11	1 x 12	2 x 13	2 x 14	3 x 13	4 x 13	4 x 14
PV Array Area Sq. Ft. (Approx)	198	216	467	503	700	934	1006
Average Daily KWH (CEC)*	10.1	11.0	24.0	25.9	35.0	48.1	51.8
Inverter Size (watts continuous)	SMA 3000	SMA 3000	SMA 5000	SMA 6000	SMA 7000	SMA 5000 x 2	SMA 6000 x 2
List Price	\$11,740	\$12,476	\$25,857	\$27,645	\$38,365	\$51,905	\$55,597
Historical Ambient Temperature Limit		14°F (L)		5°F (L)			5°F (L)

SOL-GEN UT Utility-Tied with BP3215B and Kaco Inverters				
Model Number	UT1850BK	UT2000BK	UT2200BK	UT2400BK
Quote Number	127577	127578	127579	128251
PV Peak Power (Watts DC)	2150	2365	2580	2795
PV Peak Power (Watts AC)*	1849	2034	2218	2403
# of Strings & # in Each String	1 x 10	1 x 11	1 x 12	1 x 13
PV Array Area Sq. Ft. (Approx)	180	200	220	238
Average Daily KWH (CEC)*	9.2	10.1	11.0	11.9
Inverter Size (watts continuous)	2502XI	2502XI	2502XI	2502XI
List Price	\$11,273	\$12,112	\$12,821	\$13,749
Historical Ambient Temperature Limit				-4 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