

SOL-GEN™ UT UTILITY-TIED SYSTEMS w/ BP SOLAR 3175B 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 Polycrystalline 3175 watt 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 flush mounting hardware included is fabricated with stainless steel hardware and anodized aluminum, is engineered and designed for rapid, durable installation. 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 Taiwan and come with a 10-year warranty. Remote monitoring options are available.

Systems with **Enphase** M190 Micro-Inverters have one inverter per module and are especially well suited for sites with partial shade conditions. Includes 5 years of web based system monitoring of the performance of each module inverter pair. Enphase inverters are made in the US and come with a 15-year warranty.

See following pages for pricing

Sol-Gen UT with Fronius Inverters and BP3175B Modules								
Model Number	UT1450F	UT2350F	UT2650F	UT3000F	UT3600F	UT4000F	UT4500F	UT4450F
Quote Number	122534	122535	122536	122538	122542	122543	122544	122545
PV Peak Power, Watts DC	1750	2800	3150	3500	4200	4725	5250	5250
PV Peak Power (Watts AC) CEC*	1469	2366	2662	3000	3605	3992	4507	4459
# of Strings & # in Each String	1 x 10	2 x 8	2 x 9	2 x 10	2 x 12	3 x 9	3 x 10	3 x 10
PV Array Area Sq. Ft. (Approx)	143	228	256	285	342	385	428	428
Average Daily KWH (CEC)*	7.3	11.7	13.2	14.9	17.8	19.8	22.3	22.1
Inverter Size (watts continuous)	2000	2700	2700	IG+3000	IG+3800	4000	IG+5000	5100
List Price	\$9,090	\$13,336	\$14,697	\$16,281	\$19,590	\$22,179	\$25,215	\$24,455
Historical Ambient Temperature Limit					14°F (L)			
Model Number	UT4750F	UT4950F	UT5400F	UT6000F	UT7200F	UT9000F	UT9900F	UT10,900F
Quote Number	122547	122548	122549	122551	122553	122555	122556	122558
PV Peak Power, Watts DC	5600	5775	6300	7000	8400	10,500	11,550	12,600
PV Peak Power (Watts AC) CEC*	4757	4957	5436	6000	7211	9013	9915	10873
# of Strings & # in Each String	4 X 8	3 x 11	3 x 12	4 X 10	4 X 12	6 X 10	6 X 11	6 X 12
PV Array Area Sq. Ft. (Approx)	455	470	513	570	685	855	940	1026
Average Daily KWH (CEC)*	23.5	24.5	26.9	29.7	35.7	44.6	49.1	53.8
Inverter Size (watts continuous)	5100	IG+5000	IG+6000	IG+6000	IG+7500	IG+10,000	IG+10,000	IG+11,400
List Price	\$26,036	\$27,189	\$29,322	\$32,253	\$38,260	\$48,286	\$52,384	\$57,457
Historical Ambient Temperature Limit			14°F (L)		14°F (L)			14°F (L)

SOL-GEN UT Utility-Tied Solar Electric Generator with PV Powered Inverters and BP3175B Modules												
Model Number	UT1100P	UT1450P	UT2100P	UT2400P	UT2900P	UT3000P	UT4100P	UT4500P	UT4800P5*	UT6000P	UT8150PV	UT9050PV
Quote Number	122559	122560	122561	122562	122563	122564	122565	122566	122568	122569	122570	122571
PV Peak Power (Watts DC)	1400	1750	2450	2800	3500	3500	4725	5250	5600	7000	9450	10500
PV Peak Power (Watts AC) CEC*	1100	1447	2081	2378	2942	3004	4077	4530	4832	6009	8154	9060
# of Strings & # in Series	1 X 8	1 X 10	2 X 7	2 X 8	2 x 10	2 x 10	3 x 9	3 x 10	4 x 8	4 x 10	6 x 9	6 x 10
PV Array Area Sq. Ft. (Approx)	115	145	200	230	290	290	392	435	465	570	770	855
Average KWH/Day (CEC)*	5.4	7.2	10.3	11.8	14.6	14.9	20.2	22.4	23.9	29.7	40.4	44.8
Inverter Size (watts continuous)	PVP1100E	PVP2000E	PVP2500	PVP2500	PVP3000	PVP3500	PVP4800	PVP4800	PVP4800	2 x PVP3500	2 x PVP4800	2 x PVP4800
List Price	\$7,712	\$9,182	\$12,162	\$13,476	\$16,368	\$17,153	\$22,653	\$24,550	\$25,748	\$33,297	\$44,980	\$48,690
Historical Ambient Temperature Limit		14°F (L)			14°F (L)	14°F (L)				14°F (L)		14°F (L)

SOL-GEN UT Utility-Tied Solar Electric Systems with Solectria Renewables PVI Series Inverters and BP3175B Modules											
Model Number	UT1150R	UT1500R	UT1800R	UT2700R	UT3000R	UT3300R	UT3600R	UT4100R	UT4500R	UT5000R	UT5300R
Quote Number	122612	122613	122615	122616	122620	122621	122622	122623	122624	122625	122626
PV Peak Power (Watts DC)	1400	1750	2100	3150	3500	3850	4200	4725	5250	5775	6300
PV Peak Power (Watts AC)*	1164	1510	1812	2718	3020	3322	3624	4077	4530	4983	5300
# of Strings & # in Each String	1 x 8	1 x 10	1 x 12	2 x 9	2 x 10	2 x 11	2 x 12	3 x 9	3 x 10	3 x 11	3 x 12
PV Array Area Sq. Ft. (Approx)	109	136	163	245	272	300	326	367	408	448	490
Average Daily KWH (CEC)*	5.8	7.6	9.1	13.6	15.1	16.6	18.1	20.4	22.7	24.9	26.5
Inverter Size (watts continuous)	1800	2900	2900	2900	3900	3900	3900	4900	4900	4900	5300
List Price	\$7,964	\$9,373	\$10,765	\$14,806	\$16,588	\$17,973	\$19,289	\$22,158	\$24,057	\$26,396	\$28,243
Historical Ambient Temperature Limit			14°F (L)				14°F (L)				14°F (L)

SOL-GEN UT Utility-Tied Solar Electric Generator with SMA Inverters and BP3175B Modules									
Model Number	UT3000S	UT3600S	UT4950S	UT5400S	UT6000S	UT6600S	UT9900S	UT12000S	UT13000S
Quote Number	122503	122504	122506	122507	122512	122513	122515	122517	122526
PV Peak Power (Watts DC)	3500	4200	5775	6300	7000	7700	11550	14000	15400
PV Peak Power (Watts AC) CEC*	3000	3621	4928	5405	6000	6640	9908	12000	13280
# of Strings & # in Each String	2 x 10	2 x 12	3 x 11	3 X 12	4 x 10	4 x 11	6 x 11	8 x 10	8 x 11
PV Array Area Sq. Ft. (Approx)	285	342	470	515	570	627	940	1140	1370
Average Daily KWH (CEC)*	14.9	17.9	24.4	26.8	29.7	32.9	49.0	59.4	65.7
Inverter Size (watts continuous)	3000	4000	5000	6000	6000	7000	2 x 5000	2 x 6000	2 x 7000
List Price	\$15,858	\$19,030	\$26,106	\$28,307	\$31,103	\$34,199	\$52,141	\$61,230	\$69,156
Historical Ambient Temperature Limit	14°F (L)	14°F (L)		14°F (L)	104°F (H)			104°F (H)	

SOL-GEN UT Utility-Tied with Kaco Inverters and BP3175B				
Model Number	UT1050BK	UT1200BK	UT1350BK	UT1500BK
Quote Number	127527	127529	127530	127554
PV Peak Power, Watts DC	1225	1400	1575	1750
PV Peak Power (Watts AC) CEC*	1051	1201	1351	1500
# of Strings & # in Each String	1 x 7	1 x 8	1 x 9	1 x 10
PV Array Area Sq. Ft. (Approx)	100	115	130	142
Average Daily KWH (CEC)*	5.2	5.9	6.7	7.4
Inverter Size (watts continuous)	1502xi	1502xi	1502xi	1502xi
List Price	\$7,318	\$7,946	\$8,583	\$9,437

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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