

SOL-GEN™ UT Solar Electric Generators w/ Evergreen ES-A 210 Modules and Various Inverters

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 a choice of several high quality inverters and all the major components needed for a complete installation.

The modules are Evergreen ES-A210-fa3. The modules are made with dark anodized aluminum frames, are rated @ 210 watts, and have a -0/+5% power tolerance, meaning they can produce up to 5 watts more than the rated power. 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. An approved system performance meter is included. It shows the instantaneous power output, as well as daily and cumulative KWH production. A 25 year power output warranty is provided by manufacturer.

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 approval from your utility company. Similar systems are available for 3-phase 208VAC output. Installation cost will vary depending on the size of the system, type of roof and location.



Sol-Gen UT Systems w/ Evergreen 210 Watt Modules and Various Inverters

Model Number	UT2700AS	UT2900AS	UT2700AR	UT2900AR	UT2700AP	UT3100AP	UT3250AP	UT3450AP	UT3450AF	UT3800AF	UT3300AR	UT3650AR
Order Number	131709	131504	121965	110879	121966	121967	110873	110876	110875	110877	110843	110838
PV Peak Power (Watts DC)	3150	3360	3150	3360	3150	3570	3780	3990	3990	4410	3780	4200
PV Peak Power (Watts AC) CEC*	2722	2903	2736	2900	2722	3065	3266	3447	3447	3800	3283	3648
No. of Strings, No. per String	1 x 15	1 x 16	1 x 15	1 x 16	1 x 15	1 x 17	1 x 18	1 x 19	1 x 19	1 x 21	1 x 18	1 x 20
PV Array Area Sq. Ft. (Approx)	254	271	254	271	254	288	305	322	322	357	305	340
Average KWH/Day (CEC)*	13.6	14.5	13.7	14.5	13.6	15.3	16.3	17.2	17.2	19.0	16.4	18.2
Inverter Model	SMA3000US	SMA3000US	PVI3000	PVI3000	PVP3500	PVP3500	PVP3500	PVP3500	IG+3.8	IG+3.8	PVI3900	PVI3900
List Price	\$14,979	\$15,743	\$15,129	\$16,006	\$15,827	\$17,653	\$18,491	\$19,239	\$19,653	\$21,425	\$18,650	\$20,196
Historical Ambient Temperature Limit						10°F (L)						

Model Number	UT3100EK	UT3250EK	UT3450EK	UT3500AS	UT4000AS	UT4300AF	UT4650AF	UT5000AF	UT7000AS	UT6900AF	UT7250AF	UT10,400AF
Order Number	128353	128354	128355	121969	110821	121970	110820	110819	110793	110794	110795	110797
PV Peak Power (Watts DC)	3570	3780	3990	3990	4620	5040	5460	5880	7980	7980	8400	11970
PV Peak Power (Watts AC) CEC*	3084	3266	3447	3465	4000	4309	4668	5027	6931	6895	7258	10396
No. of Strings, No. per String	1 x 17	1 x 18	1 x 19	1 x 19	1 x 22	2 x 12	2 x 13	2 x 14	2 x 19	2 x 19	2 x 20	3 x 19
PV Array Area Sq. Ft. (Approx)	288	305	322	322	373	406	440	475	644	644	678	968
Average KWH/Day (CEC)*	15.3	16.2	17.1	17.3	20.0	21.5	23.3	25.1	34.7	34.5	36.3	52.0
Inverter Model	KACO3502XI	KACO3502XI	KACO3502XI	SMA4000US	SMA4000US	IG 5100	IG 5100	IG 5100	SMA7000US	IG+7500	IG+7500	IG+11400
List Price	\$17,467	\$18,237	\$19,116	\$19,127	\$21,255	\$24,392	\$26,048	\$27,752	\$36,559	\$37,758	\$39,610	\$56,985

Suggested retail prices do not include tax, installation or permitting costs. 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.