

# SOL-GEN™ UT Solar Electric Generators w/ Mitsubishi 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 Mitsubishi 180 watt. These modules come with a 97% guaranteed power output (3% power tolerance) and 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. An approved system performance meter is included. It shows 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 approval from your utility company. Similar systems 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 Utility-Tied Solar Electric Generator with Mitsubishi 180 Watt Modules & Various Inverters**

Model Number	UT1500PM	UT1800PM	UT1800GM	UT1900PM	UT2100GM	UT2400GM	UT3300FM	UT3600FM	UT3900FM	UT4000GM	UT4300PM	UT4600GM	UT4900SM	UT5000FM
Quote Number	108220	108219	107162	108218	107161	107109	107110	107143	107145	107163	714479	107171	107172	107173
PV Peak Power (Watts DC)	1800	2160	2160	2340	2520	2880	3960	4320	4680	4680	5040	5400	5760	5940
PV Peak Power (Watts AC) CEC*	1481	1777	1806	1925	2107	2408	3311	3612	3913	3975	4303	4587	4893	4993
# of Strings & # in Each String	1 x 10	1 x 12	1 x 12	1 x 13	1 x 14	1 x 16	2 x 11	2 x 12	2 x 13	2 x 13	2 x 14	2 x 15	2 x 16	3 x 11
PV Array Area Sq. Ft. (Approx)	137	164	164	178	191	218	300	326	354	354	381	410	435	450
Annual Output KWH (CEC)*	2676	3211	3263	3478	3807	4351	5982	6526	7070	7182	7774	8288	8840	9021
Average Daily KWH (CEC)*	7.3	8.8	8.9	9.5	10.4	11.9	16.4	17.9	19.4	19.7	21.3	22.7	24.2	24.7
Inverter	PVP 2000S	PVP 2000S	GT2800	PVP 2000S	GT2800	GT2800	IG4000	IG4000	IG4000	GT4000	PV 4800	GT5000	SMA 5000US	IG5100
List Price	\$14,075	\$16,244	\$16,067	\$17,486	\$18,384	\$20,592	\$29,155	\$31,323	\$33,648	\$32,708	\$35,723	\$38,560	\$40,243	\$42,449
Historical Ambient Temperature Limit										104°F (H)				

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 1.0. Real value may be adjusted down based on site factors.

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