

Sol-Gen UB Grid-Tied Backup Systems with Xantrex XW Inverters & BP Modules

These systems put a reverse spin on your electric meter; plus they qualify for a cash rebate from the California PUC and a 30% Federal Tax Credit



SOL-GEN[®] UB systems automatically convert free sunshine into standard utility power quietly and reliably. When the power you generate is greater than what your house is using, your electric meter will run backwards and reduce your utility bill! The major utility companies will credit you for the power at the same rate you pay! (up to break even) Additionally whenever there is a power failure, the system will immediately and automatically take over powering your selected backup loads using solar and/or stored energy. These systems include all the major components needed for a complete installation. The modules are high performance BP Solar SX3175B or SX3190B 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, engineered and designed for rapid, durable installation. (Other mounts also available). The inverters in these systems are the Xantrex XW Series with their MPPT60 charge controllers. All switchgear and ground fault protection for the array are included and listed to UL specifications. Includes approved system performance meter. The inverter assembly is rated NEMA1 (Indoor) and is designed to mount vertically on a wall. The batteries are valve regulated (sealed) lead-acid and come with an enclosed battery shelf. "Selling" power back to the utility grid requires net metering agreement with your Utility Company. Installation cost will vary depending on the size of the system, type of roof and location.

SOL-GEN UB Utility-Tied with Backup - Xantrex XW Inverters and BP Modules

Model Number	UB2500-XW45	UB2900-XW45	UB3800-XW45	UB4400-XW45	UB5000-XW6	UB5700-XW6	UB7600-XW45-2
Quote Number	105646	105709	105680	105707	105682	105710	105684
PV Peak Power (Watts DC)	3120	3500	4680	5460	6240	7000	9360
PV Peak Power (Watts AC) CEC	2537	2926	3806	4440	5047	5820	7611
Number and Size of Modules	16 x 195	20 X 175	24 x 195	28 x 195	32 x 195	40 x 175	48 x 195
PV Array Area Sq. Ft. (Approx)	245	275	368	430	490	545	735
Inverter Size (load watts continuous)	4500	4500	4500	4500	6000	6000	2 x 4500 (9000)
Inverter Output Voltage	120/240	120/240	120/240	120/240	120/240	120/240	120/240
Inverter Assembly Dimensions (H" x W" x D")	30 x 47 x 9	30 x 47 x 9	30 x 47 x 9	30 x 47 x 9	30 x 47 x 9	30 x 47 x 9	30 x 63 x 9
Number of 12V Batteries / AH capacity @ 20Hr	4 / 105	8 / 105	8 / 105	8 / 105	8 / 105	8 / 245	8 / 245
Battery Capacity at 80% Depth of Discharge	4 kWh	8 kWh	8 kWh	8 kWh	8 kWh	18.8 kWh	18.8 kWh
Annual Output in KWH/Year (CEC)*	4584	5287	6876	8022	9118	10515	13751
Average KWH/Day (CEC)*	12.6	14.5	18.8	22.0	25.0	28.8	37.7
List Price	\$21,254	\$26,316	\$29,556	\$32,843	\$36,231	\$45,866	\$58,517
Extended Warranty Cost (Pay to Xantrex)	\$495	\$495	\$590	\$590	\$590	\$590	\$1,180
California Rebate (PG&E @\$1.10/Watt)	\$2,791	\$3,219	\$4,187	\$4,884	\$5,551	\$6,402	\$8,372
California Rebate (CCSE @\$1.55/Watt)	\$3,932	\$4,535	\$5,899	\$6,882	\$7,823	\$9,021	\$11,797
California Rebate (SCE @\$1.90/Watt)	\$4,820	\$5,559	\$7,231	\$8,436	\$9,589	\$11,058	\$14,461

*CEC AC rating with no design factor derate

Retail Prices: Sales Tax, Installation & Permitting not Included. Contractor discounts Available

Rev 08-09