

**California Energy Commission**  
**List of Approved Inverters for the Solar Energy System Credit\***  
**2001 Tax Year**

Note 1: Trace Engineering inverters have been listed under Xantrex Technology Inc.

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<b>CEC Certification #</b>	<b>Make</b>	<b>Inverter Model No.</b>	<b>Description</b>	<b>Power Rating (watts)</b>	<b>Peak Efficiency (%)</b>	<b>Begin Certified</b>	<b>End Certified</b>
IN001	Advanced Energy Systems	GC-1000	GC-1000 Grid Interactive Inverter	1,000.0	93.0	12/6/99	current
IN002	Advanced Energy Systems	MI250	MI250 MicroInverter	250.0	91.8	12/6/99	3/8/01
IN003	Advanced Energy, Inc.	MM-3000	3kVA, 48Vdc, 120Vac, Grid-Tied, Battery Backup Sinewave Inverter	3,000.0	92.0	7/12/01	current
IN004	Advanced Energy, Inc.	MM-5000	5kVA, 48Vdc, 120Vac, Grid-Tied, Battery Backup Sinewave Inverter	5,000.0	92.0	7/12/01	current
IN005	Aerovironment Inc.	USPC2000-1ph	2.2kW Solar Pump Controller, single phase operation	2,200.0	95.0	8/17/00	current
IN006	Aerovironment Inc.	USPC2000-3ph	2.2kW Solar Pump Controller, three phase operation	2,200.0	97.0	8/17/00	current
IN007	Aerovironment Inc.	USPC5000-1ph	5.5kW Solar Pump Controller, single phase operation	5,500.0	95.0	8/17/00	current
IN008	Aerovironment Inc.	USPC5000-3ph	5.5kW Solar Pump Controller, three phase operation	5,500.0	97.0	8/17/00	current
IN009	Ascension Technology, Inc.	SunSine	275W Ac Module, grid connected	320.0	100.0	3/8/01	6/22/01
IN010	Ascension Technology, Inc.	SunSine 300	300W Ac Module	300.0	100.0	12/6/99	3/8/01
IN011	Bergey Windpower Co.	Gridtek 10	10kW, 3ph. 208Vac output, Wind Turbine Inverter	10,000.0	95.0	12/6/99	current
IN012	Omnion Power Engineering Corp.	4/6/01	2 kW Series 2400	2,000.0	94.0	12/6/99	5/14/01
IN013	Omnion Power Engineering Corp.	04-6-DID	4 kW Series 2400	4,000.0	96.0	12/6/99	5/14/01
IN014	Omnion Power Engineering Corp.	05-6-DID	5 kW Series 2400	5,000.0	96.0	12/6/99	5/14/01
IN015	Omnion Power Engineering Corp.	06-6-DID	6 kW Series 2400	6,000.0	96.0	12/6/99	5/14/01
IN016	Omnion Power Engineering Corp.	2.2-6-DID	2.2 kW Series 2400	2,200.0	94.0	12/6/99	5/14/01
IN017	Omnion Power Engineering Corp.	2.5-6-DID	2.5 kW Series 2400	2,500.0	94.5	12/6/99	5/14/01
IN018	Omnion Power Engineering Corp.	2400-22100-00	2.2 kW Series 2400, +/-100VDC min	2,200.0	94.0	12/6/99	5/14/01
IN019	Omnion Power Engineering Corp.	2400-22101-00	2.2 kW Series 2400, +/-100VDC min, with RS232	2,200.0	94.0	12/6/99	5/14/01
IN020	Omnion Power Engineering Corp.	2400-33150-00	3.3 kW Series 2400, +/-150VDC min	3,300.0	95.0	12/6/99	5/14/01
IN021	Omnion Power Engineering Corp.	2400-33151-00	3.3 kW Series 2400, +/-150VDC min, with RS232	3,300.0	95.0	12/6/99	5/14/01
IN022	Omnion Power Engineering Corp.	2400-34100-00	3.4 kW Series 2400, +/-100VDC min	3,400.0	95.0	12/6/99	5/14/01
IN023	Omnion Power Engineering Corp.	2400-34101-00	3.4 kW Series 2400, +/-100VDC min, with RS232	3,400.0	95.0	12/6/99	5/14/01
IN024	Omnion Power Engineering Corp.	2400-40180-00	4 kW Series 2400, +/-180VDC min	4,000.0	96.0	12/6/99	5/14/01
IN025	Omnion Power Engineering Corp.	2400-40181-00	4 kW Series 2400, +/-180VDC min, with RS232	4,000.0	96.0	12/6/99	5/14/01
IN026	Omnion Power Engineering Corp.	2400-50150-00	5 kW Series 2400, +/-150VDC min	5,000.0	96.0	12/6/99	5/14/01
IN027	Omnion Power Engineering Corp.	2400-50151-00	5 kW Series 2400, +/-150VDC min, with RS232	5,000.0	96.0	12/6/99	5/14/01
IN028	Omnion Power Engineering Corp.	2400-60180-00	6 kW Series 2400, +/-180VDC min	6,000.0	96.0	12/6/99	5/14/01
IN029	Omnion Power Engineering Corp.	2400-60181-00	6 kW Series 2400, +/-180VDC min, with RS232	6,000.0	96.0	12/6/99	5/14/01

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<b>CEC Certification #</b>	<b>Make</b>	<b>Inverter Model No.</b>	<b>Description</b>	<b>Power Rating (watts)</b>	<b>Peak Efficiency (%)</b>	<b>Begin Certified</b>	<b>End Certified</b>
IN030	Omnion Power Engineering Corp.	3.3-6-DID	3.3 kW Series 2400	3,300.0	95.0	12/6/99	5/14/01
IN031	Omnion Power Engineering Corp.	3.4-6-DID	3.4 kW Series 2400	3,400.0	95.0	12/6/99	5/14/01
IN032	SMA America	SWR2500U	2.5kW Sunny Boy String Inverter, grid connected	2,500.0	94.4	5/9/01	current
IN033	SMA America	SWR2500U-SBD	2.5kW Sunny Boy String Inverter, with display	2,500.0	94.4	9/19/01	current
IN034	Vanner Inc.	RE24-4500DGT	4.5kW 24Vdc 120/240Vac, grid interactive or standalone, True sinewave inverter	4,500.0	90.0	3/8/01	current
IN035	Vanner Inc.	RE48-4500	48 Vdc to 120/240 Vac true sine wave inverter w/battery charger	4,500.0	90.0	10/22/01	current
IN036	Xantrex Technology, Inc./Trace	BWT10240	10kW, 240Vac split-phase, utility interactive inverter	10,000.0	92.0	5/9/01	current
IN037	Xantrex Technology, Inc./Trace	DR1512	1.5 kVA, 12Vdc, 120Vac, Trace Engr. Modified sine wave inverter	1,500.0	94.0	12/6/99	current
IN038	Xantrex Technology, Inc./Trace	DR1524	1.5 kVA, 24Vdc, 120Vac, Modified sinewave inverter	1,500.0	94.0	12/6/99	current
IN039	Xantrex Technology, Inc./Trace	DR2412	2.4 kVA, 12Vdc, 120Vac, Modified sinewave inverter	2,400.0	94.0	12/6/99	current
IN040	Xantrex Technology, Inc./Trace	DR2424	2.4 kVA, 24Vdc, 120Vac, Modified sinewave inverter	2,400.0	95.0	12/6/99	current
IN041	Xantrex Technology, Inc./Trace	DR3624	3.6 kVA, 24Vdc, 120Vac, Modified sinewave inverter	3,600.0	95.0	12/6/99	current
IN042	Xantrex Technology, Inc./Trace	MS100	0.1 kVA, 12Vdc, 120Vac, Microsine inverter	100.0	92.5	12/6/99	3/8/01
IN043	Xantrex Technology, Inc./Trace	MS100U	0.1 kVA, 12Vdc, 240Vac, Microsine inverter	100.0	92.5	12/6/99	3/8/01
IN044	Xantrex Technology, Inc./Trace	PROsine 1000/12	1000W/12Vdc-120Vac Statpower brand inverter, true sine wave	1,000.0	89.0	11/15/01	current
IN045	Xantrex Technology, Inc./Trace	PROsine 1000/24	1000W/24Vdc-120Vac Statpower brand inverter, true sine wave	1,000.0	89.0	11/15/01	current
IN046	Xantrex Technology, Inc./Trace	PROsine 1800/12	1800W/12Vdc-120Vac Statpower brand inverter, true sine wave	1,800.0	90.0	11/15/01	current
IN047	Xantrex Technology, Inc./Trace	PROsine 1800/24	1800W/24Vdc-120Vac Statpower brand inverter, true sine wave	1,800.0	90.0	11/15/01	current
IN048	Xantrex Technology, Inc./Trace	PS2512	2.5 kVA. 12Vdc, 120Vac, Sinewave inverter for alternative energy	2,500.0	90.0	7/19/00	3/8/01
IN049	Xantrex Technology, Inc./Trace	PS2512AE	2.5 kVA. 12Vdc, 120Vac, stand alone, sine wave inverter	2,500.0	90.0	3/8/01	current
IN050	Xantrex Technology, Inc./Trace	PS2524	2.5 kVA. 24Vdc, 120Vac, Sinewave inverter for alternative energy	2,500.0	92.0	7/19/00	3/8/01

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IN051	Xantrex Technology, Inc./Trace	PS2524AE	2.5 kVA. 24Vdc, 120Vac, stand alone, sine wave inverter	2,500.0	92.0	3/8/01	current
IN052	Xantrex Technology, Inc./Trace	PV-10208	10kW 208Vac/3phase Utility Interactive Inverter	10,000.0	95.0	12/6/99	current
IN053	Xantrex Technology, Inc./Trace	PV-15208	15kW 208Vac/3phase Utility Interactive Inverter	15,000.0	96.0	3/24/00	current
IN054	Xantrex Technology, Inc./Trace	PV-20208	20kW 208Vac/3phase Utility Interactive Inverter	20,000.0	96.0	5/19/00	current
IN055	Xantrex Technology, Inc./Trace	PV-5208	5kW, 208Vac/3 phase, photovoltaic utility interactive inverter	5,000.0	95.0	3/8/01	current
IN056	Xantrex Technology, Inc./Trace	ST1000	1.0kVA, 52-85Vdc, 240Vac, "Sun Tie" sinewave current-source inverter	1,000.0	92.0	6/30/00	current
IN057	Xantrex Technology, Inc./Trace	ST1500	1.5kVA, 52-85Vdc, 240Vac, "Sun Tie" sinewave current-source inverter	1,500.0	92.0	6/30/00	current
IN058	Xantrex Technology, Inc./Trace	ST2000	2.0kVA, 52-85Vdc, 240Vac, "Sun Tie" sinewave current-source inverter	2,000.0	94.0	6/30/00	current
IN059	Xantrex Technology, Inc./Trace	ST2500	2.5kVA, 52-85Vdc, 240Vac, "Sun Tie" sinewave current-source inverter	2,500.0	94.0	6/30/00	current
IN060	Xantrex Technology, Inc./Trace	SW2512	2.5 kVA, 12Vdc, 120Vac, Sinewave inverter for use with batteries	2,500.0	90.0	12/6/99	9/20/01
IN061	Xantrex Technology, Inc./Trace	SW4024	4.0 kVA, 24Vdc, 120Vac, Sinewave inverter for use with batteries	4,000.0	94.0	12/6/99	11/29/01
IN062	Xantrex Technology, Inc./Trace	SW4048	4.0 kVa, 24Vdc, 120Vac, Sinewave inverter for use with batteries	4,000.0	95.0	12/6/99	11/29/01
IN063	Xantrex Technology, Inc./Trace	SW4048PV	4.0 kVA, 48Vdc, 120Vac, Sinewave inverter for utility line-tie use only	4,000.0	95.0	12/6/99	3/12/01
IN064	Xantrex Technology, Inc./Trace	SW4048U	4.0 kVA, 48Vdc, 240Vac, Sinewave inverter for use with batteries	4,000.0	95.0	12/6/99	9/20/01
IN065	Xantrex Technology, Inc./Trace	SW4048UPV	4.0 kVA, 48Vdc, 240Vac, Sinewave inverter for utility line-tie use only	4,000.0	95.0	12/6/99	3/8/01
IN066	Xantrex Technology, Inc./Trace	SW5548	5.5 kVA, 48Vdc, 120Vac, Sinewave inverter for use with batteries	5,500.0	96.0	12/6/99	11/29/01
IN067	Xantrex Technology, Inc./Trace	SW5548PV	5.5 kVA, 48Vdc, 120Vac, Sinewave inverter for utility line-tie use only	5,500.0	96.0	12/6/99	3/8/01
IN068	Xantrex Technology, Inc./Trace	SW5548U	5.5 kVA, 48Vdc, 240Vac, Sinewave inverter for use with batteries	5,500.0	96.0	12/6/99	9/20/01
IN069	Xantrex Technology, Inc./Trace	SW5548UPV	5.5 kVA, 48Vdc, 240Vac, Sinewave inverter for utility line-tie use only	5,500.0	96.0	12/6/99	3/8/01

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IN070	Xantrex Technology, Inc./Trace	UT-SW4048PV	4.0 kVA, 48Vdc, 120Vac, Sinewave inverter for utility line-tie use only	4,000.0	95.0	12/6/99	3/8/01
IN071	Xantrex Technology, Inc./Trace	UT-SW4048UPV	4.0 kVA, 48Vdc, 240Vac, Sinewave inverter for utility line-tie use only	4,000.0	95.0	12/6/99	3/8/01
IN072	Xantrex Technology, Inc./Trace	UT-SW5548PV	5.5 kVA, 48Vdc, 120Vac, Sinewave inverter for utility line-tie use only	5,500.0	96.0	12/6/99	3/8/01
IN073	Xantrex Technology, Inc./Trace	UT-SW5548UPV	5.5 kVA, 48Vdc, 240Vac, Sinewave inverter for utility line-tie use only	5,500.0	96.0	12/6/99	3/8/01
IN074	Xantrex Technology, Inc./Trace	UX1112	1.1 kVA, 12Vdc, 120Vac, Modified sinewave inverter	1,100.0	90.0	12/6/99	current
IN075	Xantrex Technology, Inc./Trace	UX1112SB	1.1 kVA, 12Vdc, 120Vac, Modified sinewave inverter w/ standby battery chgr.	1,100.0	90.0	12/6/99	current
IN076	Xantrex Technology, Inc./Trace	UX1412	1.4 kVA, 12Vdc, 120Vac, Modified sinewave inverter	1,400.0	92.0	12/6/99	current
IN077	Xantrex Technology, Inc./Trace	UX1412SB	1.4 kVA, 12Vdc, 120Vac, Modified sinewave inverter w/ standby battery chgr.	1,400.0	92.0	12/6/99	current
IN078	Xantrex Technology, Inc./Trace	UX612	0.6 kVA, 12Vdc, 120Vac, Modified sinewave inverter	600.0	92.0	12/6/99	current
IN079	Xantrex Technology, Inc./Trace	UX612SB	0.6 kVA, 12Vdc, 120Vac, Modified sinewave inverter w/ standby battery chgr.	600.0	92.0	12/6/99	current

\* Larger inverters may be eligible for the tax credit on a case by case basis. Contact the California Energy Commission to determine eligibility.