

California Energy Commission							
List of Approved Inverters for the Solar or Wind Energy System Credit*							
2002 Tax Year							
Note 1: Trace Engineering inverters have been listed under Xantrex Technology Inc.							
Note 2: The presence or absence of any particular component or system from this list should not be construed as a statement of the quality or applicability of such hardware for any particular use.							
CEC Certification #	Make	Inverter Model No.	Description	Power Rating (watts)	Peak Efficiency (%)	Begin Certified	End Certified
IN001	Advanced Energy Systems	GC-1000	GC-1000 Grid Interactive Inverter	1,000.0	93.0	12/6/99	current
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
IN009a	Ballard Power Systems Corporation	EPC_PV_480_110kVA	Multi-Mode Utility Interactive 110kVA PV Power Converter System	110.0	97.0	12/20/02	current
IN011	Bergey Windpower Co.	Gridtek 10	10kW, 3ph. 208Vac output, Wind Turbine Inverter	10,000.0	92.0	12/6/99	current
IN030a	SMA America	SWR1800U	1.8kW, 120Vac Sunny Boy String Inverter	1,800.0	93.5	5/21/02	current
IN031a	SMA America	SWR1800U- SBD	1.8kW, 120Vac Sunny Boy String Inverter, with display	1,800.0	93.5	5/21/02	current
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	94.0	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
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

California Energy Commission							
List of Approved Inverters for the Solar or Wind Energy System Credit*							
2002 Tax Year							
Note 1: Trace Engineering inverters have been listed under Xantrex Technology Inc.							
Note 2: The presence or absence of any particular component or system from this list should not be construed as a statement of the quality or applicability of such hardware for any particular use.							
CEC Certification #	Make	Inverter Model No.	Description	Power Rating (watts)	Peak Efficiency (%)	Begin Certified	End Certified
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
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
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
IN051a	Xantrex Technology, Inc./Trace	PV-100208	100kW 208Vac/3phase Utility Interactive Inverter	100,000.0	96.0	4/2/02	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
IN054a	Xantrex Technology, Inc./Trace	PV-225208	225kW 208Vac/3phase Utility Interactive Inverter	225,000.0	96.0	9/3/02	current
IN054b	Xantrex Technology, Inc./Trace	PV-30208	30kW 208Vac/3phase Utility Interactive Inverter	30,000.0	96.0	5/9/02	current
IN054c	Xantrex Technology, Inc./Trace	PV-45208	45kW 208Vac/3phase Utility Interactive Inverter	45,000.0	96.0	5/9/02	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, 42-85Vdc, 240Vac, "Sun Tie" sinewave current-source inverter	1,000.0	92.0	6/30/00	current
IN057	Xantrex Technology, Inc./Trace	ST1500	1.5kVA, 42-85Vdc, 240Vac, "Sun Tie" sinewave current-source inverter	1,500.0	92.0	6/30/00	current
IN058	Xantrex Technology, Inc./Trace	ST2000	2.0kVA, 42-85Vdc, 240Vac, "Sun Tie" sinewave current-source inverter	2,000.0	94.0	6/30/00	current
IN059	Xantrex Technology, Inc./Trace	ST2500	2.5kVA, 42-85Vdc, 240Vac, "Sun Tie" sinewave current-source inverter	2,500.0	94.0	6/30/00	current
IN060a	Xantrex Technology, Inc./Trace	STXR1000	1.0kVA, 42-85Vdc, 240Vac, "Sun Tie" sinewave current-source inverter (Sunsweep MPPT)	1,000.0	92.0	1/15/02	current
IN060b	Xantrex Technology, Inc./Trace	STXR1500	1.5kVA, 42-85Vdc, 240Vac, "Sun Tie" sinewave current-source inverter, (Sunsweep MPPT)	1,500.0	92.0	1/15/02	current
IN060c	Xantrex Technology, Inc./Trace	STXR2000	2.0kVA, 42-85Vdc, 240Vac, "Sun Tie" sinewave current-source inverter (Sunsweep MPPT)	2,000.0	94.0	1/15/02	current
IN060d	Xantrex Technology, Inc./Trace	STXR2500	2.5kVA, 42-85Vdc, 240Vac, "Sun Tie" sinewave current-source inverter (Sunsweep MPPT)	2,500.0	94.0	1/15/02	current
IN061a	Xantrex Technology, Inc./Trace	SW4024 with GTI	4.0 kVA, 24Vdc, 120Vac, Sinewave inverter for use with batteries	4,000.0	94.0	1/22/02	current

California Energy Commission							
List of Approved Inverters for the Solar or Wind Energy System Credit*							
2002 Tax Year							
Note 1: Trace Engineering inverters have been listed under Xantrex Technology Inc.							
Note 2: The presence or absence of any particular component or system from this list should not be construed as a statement of the quality or applicability of such hardware for any particular use.							
CEC Certification #	Make	Inverter Model No.	Description	Power Rating (watts)	Peak Efficiency (%)	Begin Certified	End Certified
IN062a	Xantrex Technology, Inc./Trace	SW4048 with GTI	4.0 kVA, 24Vdc, 120Vac, Sinewave inverter for use with batteries	4,000.0	95.0	1/22/02	current
IN066a	Xantrex Technology, Inc./Trace	SW5548 with GTI	5.5 kVA, 48Vdc, 120Vac, Sinewave inverter for use with batteries	5,500.0	96.0	1/22/02	current
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.							