

California Energy Commission

List of Approved Inverters for the Solar or Wind Energy System Credit*

2004 Tax Year

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

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CEC Certification #	Make	Inverter Model No.	Description	Power Rating (watts)	Efficiency at 3/4 load (%)	Approved Built-In Meter	Begin Certified	End Certified
IN00a	Alpha Technologies	Solaris 3500	3.5 kW, 240 V ac, 96-200Vdc, NEMA-3R, Grid Interactive PV Inverter, LCD, MPPT	3,500	93	Yes	10/13/2004	current
IN00b	Ballard Power Systems	EPC-PV-208-30kW	Utility Interactive 208V 30kW PV Power Converter System	30,000	95	No	8/30/2004	current
IN009_1a	Ballard Power Systems Corporation	EPC-PV-208-75kW	Utility Interactive 75kW PV Power Converter System	75,000	95	No	8/20/2003	10/13/2004
IN009_1aa	Ballard Power Systems Corporation	EPC-PV-208-75kW	Utility Interactive 75kW PV Power Converter System	75,000	93	Yes	10/13/2004	current
IN009_1ab	Ballard Power Systems	EPC-PV-480-30kW	Utility Interactive 480V 30kW PV Power Converter System	30,000	95	No	8/30/2004	current
IN009b	Ballard Power Systems Corporation	EPC-PV-480-75KW	Utility Interactive 480V 75kW PV Power Converter System	75,000	95	No	11/7/2003	10/13/2004
IN009c	Ballard Power Systems Corporation	EPC-PV-480-75KW	Utility Interactive 480V 75kW PV Power Converter System	75,000	93	Yes	10/13/2004	current
IN009d	Beacon Power Corporation	M5	5 kW Power Conversion System	5,000	90	No	1/1/2004	current
IN011a	Bergey Windpower Co.	Gridtek 10	10kW, 240Vac split-phase, utility interactive inverter	10,000	93	No	12/6/1999	current
IN011b	Fronius USA, LLC	IG 2000	2000W Grid-tied units with integrated breakers and LCD	2,000	94	Yes	1/23/2004	current
IN011c	Fronius USA, LLC	IG 2500-LV	2350W Grid-tied units with integrated breakers and LCD	2,350	94	Yes	1/23/2004	current
IN011d	Fronius USA, LLC	IG 3000	2700W Grid-tied units with integrated breakers and LCD	2,700	94	Yes	1/23/2004	current
IN011da	Fronius USA, LLC	IG 4000	4000W Grid-tied unit with Integrated Disconnects and Performance Meter	4000	94	Yes	12/13/2004	current
IN011db	Fronius USA, LLC	IG 4500-LV	4500W Grid-tied unit with Integrated Disconnects and Performance Meter	4500	93	Yes	12/13/2004	current
IN011dc	Fronius USA, LLC	IG 5100	5100W Grid-tied unit with Integrated Disconnects and Performance Meter	5100	94	Yes	12/13/2004	current
IN011e	Magnetek	PVI-3000-I-OUTD-US	3 kW, 150-300 VDC Utility Interactive Inverter	3,000	93	Yes	11/5/2004	12/13/2004
IN011ea	Magnetek	PVI-3000-I-OUTD-US	3 kW, 150-600 VDC Utility Interactive Inverter	3000	93	Yes	12/13/2004	current
IN011f	Nextek Power Systems, Inc.	NPS-1000	1000 W Direct Coupling DC Inverter	1,000	94	No	11/5/2004	current
IN011g	OutBack Power Systems	GTFX 2524	2500 W Utility Interactive (w/ battery backup) 24vdc Inverter	2,500	91	No	2/24/2004	current
IN011h	OutBack Power Systems	GTFX 3048	3000 W Utility Interactive (w/ battery backup) 48vdc Inverter	3,000	92	No	2/24/2004	current
IN011i	OutBack Power Systems	GVFX 3524	3500 W Utility Interactive (w/ battery backup) 24vdc Inverter	3,500	91	No	2/24/2004	current
IN011j	OutBack Power Systems	GVFX 3648	3600 W Utility Interactive (w/ battery backup) 48vdc Inverter	3,600	92	No	2/24/2004	current
IN025a	Pacific Solar Pty Limited	SDEIP2-09	240W, 240V Module PV Inverter for the SunEmpower (PP-USA-213)	240	92	No	6/25/2003	current
IN027a	PV Powered LLC	PVP1100E	1100W Utility Interactive Inverter	1,100	95	No	12/18/2003	current
IN027b	PV Powered LLC	PVP1800	1800W Utility Interactive Inverter	1,800	95	Yes	3/29/2004	current
IN027c	PV Powered LLC	PVP2800-208	2800W (208Vac) Utility Interactive Inverter	2,800	97	Yes	3/29/2004	current
IN027d	PV Powered LLC	PVP2800-240	2800W (240Vac) Utility Interactive Inverter	2,800	97	Yes	3/29/2004	current
IN028a	SatCon Power Systems Canada Ltd.	AE-100-60-PV-A	Three phase 100kW Utility Interactive inverter	100,000	95	No	12/18/2003	10/13/2004
IN028aa	SatCon Power Systems Canada Ltd.	AE-100-60-PV-A	Three phase 100kW Utility Interactive inverter	100,000	96	No	10/13/2004	current

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CEC Certification #	Make	Inverter Model No.	Description	Power Rating (watts)	Efficiency at 3/4 load (%)	Approved Built-In Meter	Begin Certified	End Certified
IN028ab	SatCon Power Systems Canada Ltd.	AE-225-60-PV-A	225 kW Three phase inverter 480V AC	225,000	95	No	11/5/2004	current
IN028aba	SatCon Power Systems Canada Ltd.	AE-30-60-PV-E	30 kW Single Phase Utility Interactive Inverter	30,000	93	No	12/13/2004	current
IN028ac	SatCon Power Systems Canada Ltd.	AE-50-60-PV-A	50 kW 480V ac Three Phase Utility Interactive Inverter	50,000	97	Yes	3/29/2004	10/13/2004
IN028ad	SatCon Power Systems Canada Ltd.	AE-50-60-PV-A	50 kW 480V ac Three Phase Utility Interactive Inverter	50,000	94	Yes	10/13/2004	current
IN028b	Sharp	JH-3500U	Utility Interactive Inverter 240Vac L-L, 3.5kW	3,500	92	Yes	8/20/2003	current
IN028c	SMA America	SB6000U	Sunny Boy 6000Watt Utility Interactive Inverter with Performance Meter	6,000	94	Yes	10/13/2004	current
IN028d	SMA America	SC125U	125 kW 3-phase 480Vac, 275-600Vdc, Utility Interactive Inverter	125,000	95	Yes	3/29/2004	current
IN029a	SMA America	SWR1100U	1100W, 240Vac Sunny Boy String Inverter	1,100	93	No	9/3/2003	current
IN029b	SMA America	SWR1100U-SBD	1100W, 240Vac Sunny Boy String Inverter with display	1,100	93	Yes	9/3/2003	current
IN030b	SMA America	SWR1800U	1.8kW, 120Vac Sunny Boy String Inverter	1,800	93	No	5/21/2002	current
IN031b	SMA America	SWR1800U-SBD	1.8kW, 120Vac Sunny Boy String Inverter, with display	1,800	93	Yes	5/21/2002	current
IN032a	SMA America	SWR2500U (240V)	2.5kW, 240Vac Sunny Boy String Inverter	2,500	94	No	5/9/2001	current
IN032b	SMA America	SWR2500U (208V)	2.1kW, 208Vac Sunny Boy String Inverter	2,100	94	No	2/24/2004	current
IN033a	SMA America	SWR2500U-SBD (240V)	2.5kW, 240Vac Sunny Boy String Inverter, with display	2,500	94	Yes	9/19/2001	current
IN033aa	SMA America	SWR2500U-SBD (208V)	2.1kW, 208Vac Sunny Boy String Inverter, with display	2,100	94	Yes	2/28/2004	current
IN033b	SMA America	SWR700U	700W, 120Vac Sunny Boy String Inverter	700	93	No	9/3/2003	current
IN033c	SMA America	SWR700U-SBD	700W, 120Vac Sunny Boy String Inverter with display	700	93	Yes	9/3/2003	current
IN033d	Solectria Corporation	PVI 13kW	13 kW Commercial Grid-Tied Solar PV Inverter	13,000	94	No	7/8/2004	current
IN036a	Xantrex Technology, Inc.	BWT10240	10kW, 240Vac split-phase, utility interactive inverter	10,000	93	No	5/9/2001	current
IN036b	Xantrex Technology, Inc.	GT3.0-NA-DS-240	3.0 kW, 240 Vac, 195-600Vdc Grid Tie Inverter	3,000	94	Yes	10/13/2004	current
IN051a	Xantrex Technology, Inc./Trace	PV-100208	100kW 208Vac/3phase Utility Interactive Inverter	100,000	96	No	4/2/2002	10/13/2004
IN051b	Xantrex Technology, Inc./Trace	PV-100208	100kW 208Vac/3phase Utility Interactive Inverter	100,000	95	No	10/13/2004	current
IN051ba	Xantrex Technology, Inc.	PV-100S-208	100kW 208Vac, 330-600Vdc Inverter System with Automatic Transformer Disconnect	100,000	95	Yes	12/13/2004	current
IN051bb	Xantrex Technology, Inc.	PV-100S-480	100kW 480Vac, 330-600Vdc Inverter System with Automatic Transformer Disconnect	100,000	95	Yes	12/13/2004	current
IN052a	Xantrex Technology, Inc.	PV-10208	10kW 208Vac/3phase Utility Interactive Inverter	10,000	96	No	12/6/1999	10/13/2004
IN052b	Xantrex Technology, Inc.	PV-10208	10kW 208Vac/3phase Utility Interactive Inverter	10,000	94	Yes	10/13/2004	current
IN053	Xantrex Technology, Inc./Trace	PV-15208	15kW 208Vac/3phase Utility Interactive Inverter	15,000	96	No	3/24/2000	10/13/2004
IN053a	Xantrex Technology, Inc./Trace	PV-15208	15kW 208Vac/3phase Utility Interactive Inverter	15,000	95	Yes	10/13/2004	current

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IN054	Xantrex Technology, Inc./Trace	PV-20208	20kW 208Vac/3phase Utility Interactive Inverter	20,000	96	No	5/19/2000	10/13/2004
IN054_1a	Xantrex Technology, Inc./Trace	PV-20208	20kW 208Vac/3phase Utility Interactive Inverter	20,000	94	Yes	10/13/2004	current
IN054a	Xantrex Technology, Inc./Trace	PV-225208	225kW 208Vac/3phase Utility Interactive Inverter	225,000	96	No	9/3/2002	10/13/2004
IN054aa	Xantrex Technology, Inc./Trace	PV-225208	225kW 208Vac/3phase Utility Interactive Inverter	225,000	95	No	10/13/2004	current
IN054b	Xantrex Technology, Inc./Trace	PV-30208	30kW 208Vac/3phase Utility Interactive Inverter	30,000	96	No	5/9/2002	10/13/2004
IN054ba	Xantrex Technology, Inc./Trace	PV-30208	30kW 208Vac/3phase Utility Interactive Inverter	30,000	94	Yes	10/13/2004	current
IN054c	Xantrex Technology, Inc./Trace	PV-45208	45kW 208Vac/3phase Utility Interactive Inverter	45,000	96	No	5/9/2002	10/13/2004
IN054d	Xantrex Technology, Inc./Trace	PV-45208	45kW 208Vac/3phase Utility Interactive Inverter	45,000	94	Yes	10/13/2004	current
IN055a	Xantrex Technology, Inc.	PV-5208	5kW, 208Vac/3 phase, photovoltaic utility interactive inverter	5,000	94	No	3/8/2001	10/13/2004
IN055aa	Xantrex Technology, Inc.	PV-5208	5kW, 208Vac/3 phase, photovoltaic utility interactive inverter	5,000	93	No	10/13/2004	current
IN060aa	Xantrex Technology, Inc.	STXR1000	1.0kVA, 42-85Vdc, 240Vac, Trace Engr. sine wave inverter (Sunsweep MPPT)	1,000	88	No	1/15/2002	current
IN060ba	Xantrex Technology, Inc.	STXR1500	1.5kVA, 42-85Vdc, 240Vac, Trace Engr. sine wave inverter (Sunsweep MPPT)	1,500	89	No	1/15/2002	current
IN060bb	Xantrex Technology, Inc.	STXR1500 v5.0	1.5kVA, 42-85Vdc, 240Vac, Trace Eng. sine wave inverter (Sunsweep MPPT)	1,500	89	Yes	9/3/2003	current
IN060ca	Xantrex Technology, Inc.	STXR2000	2.0kVA, 42-85Vdc, 240Vac, Trace Engr. sine wave inverter (Sunsweep MPPT)	2,000	90	No	1/15/2002	current
IN060da	Xantrex Technology, Inc.	STXR2500	2.5kVA, 42-75Vdc, 240Vac, Trace Engr. sine wave inverter (Sunsweep MPPT)	2,500	90	No	1/15/2002	current
IN060db	Xantrex Technology, Inc.	STXR2500 v5.0	2.5kVA, 42-75Vdc, 240Vac, Trace Eng. sine wave inverter (Sunsweep MPPT)	2,500	90	Yes	9/3/2003	current
IN061aa	Xantrex Technology, Inc.	SW4024 with GTI	4.0 kVA, 24Vdc, 120Vac, Trace Engr. batt bkp, sine wave inverter (w/GTI)	4,000	88	No	1/22/2002	current
IN062aa	Xantrex Technology, Inc.	SW4048 with GTI	4.0 kVA, 48Vdc, 120Vac, Trace Engr. batt bkp, sine wave inverter (w/GTI)	4,000	88	No	1/22/2002	current
IN066aa	Xantrex Technology, Inc.	SW5548 with GTI	5.5 kVA, 48Vdc, 120Vac, Trace Engr. batt bkp, sine wave inverter (w/GTI)	5,500	89	No	1/22/2002	current

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