



# Solar Inverters Roundup Analysis Vendors Reference Guide

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Quite simply, inverters take the DC (direct current) power generated by photovoltaic modules and convert it into AC (alternating current) power for common household use.

Stand-alone inverters convert the DC power that is stored in batteries and change it to AC power on an as-needed basis. Grid-tied inverters allow the AC power to be fed into the utility grid.

This Vendors Reference Guide gives information about vendors offering solar inverters. Created as a quick guide, it lets you immediately view what products the vendors offer and then find specifications and purchasing information at the vendors' Web sites.

Data provided on the following pages is not exhaustive and does not include all the products and services available from each company. ConnectPress, Ltd. cannot guarantee the accuracy of the data. We suggest you contact the participating companies for details, particularly to confirm technical specifications.

Company	Product	Web Address
<b>Advanced Energy Industries</b>	Solaron photovoltaic inverters	<a href="http://www.advanced-energy.com">www.advanced-energy.com</a>
<b>Analytic Systems</b>	DC-AC inverters; frequency inverters; DC/AC converters	<a href="http://www.analyticsystems.com">www.analyticsystems.com</a>
<b>Ballard Power Systems</b>	Ecostar power converters; grid-tie utility interactive power inverters	<a href="http://www.ballard.com">www.ballard.com</a>
<b>Beacon Power</b>	Smart Power M4/M5 and M4 Plus/M5 Plus inverters	<a href="http://www.beaconpower.com">www.beaconpower.com</a>
<b>Elettronica Santerno S.p.a</b>	Sunway M XR solar inverters for single-phase applications; Sunway T Series solar inverters for three-phase applications	<a href="http://www.elettronicasanterno.it/en">www.elettronicasanterno.it/en</a>
<b>Exceltech</b>	True sine wave power inverters	<a href="http://www.exeltech.com">www.exeltech.com</a>
<b>Fire, Wind, &amp; Rain Technologies LLC</b>	EQ Series 500W grid tied inverters; XP Series true sine wave inverters; MX Series redundant, modular inverters; Military Series three-phase power inverters	<a href="http://www.firewindrain.com">www.firewindrain.com</a>
<b>Fronius Vertrieb GmbH &amp; Co.</b>	Power Streak inverters; Fronius IG and IG Plus mains-connected inverters; Solarix and Fronius IS sine-wave inverters for stand-alone applications	<a href="http://www.fronius.com">www.fronius.com</a>
<b>Go Power! Electric Inc.</b>	Sine wave inverters; modified sine wave inverters	<a href="http://www.gpelectric.com">www.gpelectric.com</a>
<b>GODZI Electrical Co. Ltd.</b>	Inverters with charger from 500W to 5,000W; DC to AC power inverters; inverters with power range from 100W to 2,000W	<a href="http://www.gorzi-group.com">www.gorzi-group.com</a>
<b>Ingeteam S.A.</b>	Single-phase and three-phase Ingecon Sun inverters for PV plants connected to electrical mains	<a href="http://www.ingeteam.com/ingles/index.asp">www.ingeteam.com/ingles/index.asp</a>
<b>ITALCOEL</b>	Inverters for industrial applications up to 1,000A	<a href="http://www.gruppocite.com">www.gruppocite.com</a>

Company	Product	Web Address
<b>KACO Solar</b>	Blue Planet series of grid-tied inverters	<a href="http://www.kacosolar.com">www.kacosolar.com</a>
<b>Latronics</b>	PV Edge grid interactive inverters; LS Series stand-alone sine wave inverters; IRM Series 19" industrial rack-mount sine wave inverters	<a href="http://www.latronics.com">www.latronics.com</a>
<b>Magnetek Inc.</b>	Inverters for residential and large PV commercial applications	<a href="http://www.alternative-energies.com">www.alternative-energies.com</a>
<b>Magnum Energy Inc.</b>	MM-AE Series inverters; MS Series inverter/chargers; MS-AE inverter/chargers; RD Series inverter/chargers	<a href="http://www.magnumenergy.com">www.magnumenergy.com</a>
<b>Mastervolt International</b>	Sunmaster and Soladin solar inverters	<a href="http://www.mastervoltsolar.nl">www.mastervoltsolar.nl</a>
<b>Motech Industries Inc.</b>	Grid-tied PV inverters	<a href="http://www.motechind.com">www.motechind.com</a>
<b>Outback Power Systems</b>	Off-grid, backup, grid-interactive, and mobile and marine inverter/chargers	<a href="http://www.outbackpower.com">www.outbackpower.com</a>
<b>Panelectron Ltd.</b>	Sine wave inverters; PC Series inverters with solar regulator	<a href="http://www.panelectron.hu">www.panelectron.hu</a>
<b>Power Conversions Pty. Ltd.</b>	Sinewave inverters	<a href="http://www.powerconversions.com">www.powerconversions.com</a>
<b>Power Solutions Australia</b>	Solar grid-interactive inverters (SGI); solar grid-interactive inverters with batteries (SGB); wind power inverters	<a href="http://www.powersolution.com.au">www.powersolution.com.au</a>
<b>PV Powered Inc.</b>	StarInverter series	<a href="http://www.pvpowered.com">www.pvpowered.com</a>
<b>SatCon Technology Corp.</b>	Commercial PV power converter systems	<a href="http://www.satcon.com">www.satcon.com</a>

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<b>Selectronic Australia</b>	True sine wave power inverters	<a href="http://www.selectronic.com.au">www.selectronic.com.au</a>
<b>Siemens AG</b>	SINVERT solar inverter units; SITOP solar indoor transformer-free PV inverters for standard applications	<a href="http://www.automation.siemens.com">www.automation.siemens.com</a>
<b>Singerex Technologies</b>	PureSine and PureWatts inverters	<a href="http://www.sinergex.com">www.sinergex.com</a>
<b>SMA Technologies AG</b>	Sunny Boy, Sunny Mini Central and Sunny Central inverters	<a href="http://www.2.sma.de">www.2.sma.de</a>
<b>SolarStocc AG</b>	PowerStocc series of inverters	<a href="http://www.solarstocc.com">www.solarstocc.com</a>
<b>Solectria Renewable</b>	Inverters for residential and commercial applications	<a href="http://www.solren.com">www.solren.com</a>
<b>Sputnik</b>	SolarMax single-phase string inverters; three-phase SolarMax central inverters	<a href="http://www.solarmax.com">www.solarmax.com</a>
<b>Steca GmbH</b>	Steca Solarix stand-alone inverters	<a href="http://www.stecasolar.com">www.stecasolar.com</a>
<b>Studer Innotec</b>	Sinewave inverters	<a href="http://www.studer-inno.com">www.studer-inno.com</a>
<b>Sustainable Energy Technologies</b>	Sunenergy 5 grid-tie inverters; wind inverters	<a href="http://www.sustainableenergy.com">www.sustainableenergy.com</a>
<b>Tumbler Technologies</b>	DC/AC modified sine wave inverters	<a href="http://www.trumpower.com">www.trumpower.com</a>
<b>Vanner Inc.</b>	DC to AC inverters; DC to DC inverters	<a href="http://www.vanner.com">www.vanner.com</a>
<b>Xantrex</b>	Solar inverters	<a href="http://www.xantrex.com">www.xantrex.com</a>