



# Stand alone inverter prices

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Solar residential and commercial inverters from Enphase , SMA Sunny Boy , Fronius , SolarEdge , PV Powered , Solaron, Advanced Energy, Solectria, and Outback. We carry inverters for residential solar systems and off-grid solar systems.

**Sunny Tripower X-US & Core1 Commercial Inverters** The Sunny Tripower X, available in power classes from 20 to 30 kW, excels in rooftop and ground-mounted installations. 20-US-50, 25-US-50, 30-US-50, The Sunny Tripower CORE1, offers models ranging from 33 to 62 kW & revolutionizes large-scale commercial installations with its unique free-standing design. Core1 33-US-41, Core1 50-US-41, Core1 62-US-41.

**SolarEdge** The benefits of a micro-inverter using revolutionary SolarEdge "power optimizers". Benefits include: shade tolerance, safe installation and low voltage DC. The highest efficiency grid-tie inverter system available! SolarEdge inverter models include: Single-Phase: SE3000A-US ? SE3800A-US ? SE5000A-US ? SE6000A-US ? SE7000A-US | Three-Phase: SE9KUS ? SE10KUS ? SE20KUS

**PV Powered American Made inverters** with built-in disconnects from PV Powered include PVP1100, PVP2000, PVP2500, PVP2800, PVP3000, PVP3500, PVP4600, PVP4800 and PVP5200 models. Commercial size inverters include: PVP30kW, PVP35kW, PVP50kW and PVP75kW

**Solectria Residential, Industrial and Commercial Inverters** with built-in disconnects from Solectria include PVI3000, PVI4000, PVI5000 and PVI5300 Residential models and PVI13KW and PVI15KWcommercial and industrial models.

**Enphase** This grid-tie microinverter has the unique advantage of using one inverter per solar panel so you can place modules on multiple roof faces, great for systems with shade problems.

**Tripower 60-US** This inverter is for large commercial solar power plants has a maximum output of 60,000 watts. 42 Sunny Tripower 60-US inverters can be combined into one centralized solar system.

**Morningstar SureSine** A compact sinewave inverter for remote applications including SCADA, Wi-Fi, telecom, radio, remote cabins, small computers, RVs and other applications not requiring large load requirements.

Stand-alone inverters are available with three basic power output waveforms: square wave, modified square wave (often called modified sine wave) and sine wave. Intertie inverters and utility companies deliver a sine wave. Square wave inverters have the lowest cost and efficiency and are not sold in this catalog. The price of the better quality inverters is low enough to make square wave inverters an unattractive choice.



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Trace UX series, DR series, U series inverters and Genius inverters have modified square wave output with harmonic distortion of around 40%. They are an economical choice in power systems where waveform is not critical. Their high surge capacity allows them to start large motors while their high efficiency makes them economical with power when running small loads like a stereo or a small light. They can power most lighting, televisions, appliances and computers very well. We do not recommend them for computer systems with laser printers.

Unfortunately, this type of inverter may destroy some low cost rechargeable tools and flashlights, and their waveform will not allow many laser printers, copiers, light dimmers and some variable speed tools to operate. Equipment with silicon controlled rectifiers or SCRs will not operate. Some audio equipment will have a background buzz that may be annoying to music connoisseurs.

We sell inverters that supply standard 120 Volt 60 HZ AC power, such as one gets from utility companies and fuel-powered generators. Most of them can be special ordered with other output voltages and frequencies for use anywhere in the world. Please contact us with any special requirements that you have.

Contact us for free full report

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