



## 3kw grid tie inverter price

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3000W, 240VAC, 60Hz, DC Disconnect, 2 Unfused Input, No MPPT, Ungrounded, RS485 and Ethernet, Arc-Fault Protection, Rapid Shutdown and Built-In Revenue Grade Meter (RGM)

The SolarEdge DC-AC PV inverter is specifically designed to work with the SolarEdge power optimizers. Because MPPT and voltage management are handled separately for each module by the power optimizer, the inverter is only responsible for DC to AC inversion. Consequently, it is a less complicated, more cost effective, more reliable solar inverter with a standard 12 year warranty, extendable to 20 or 25 years.

A proprietary data monitoring receiver has been integrated into the single phase solar inverter and aggregates the power optimizer performance data from each PV module. This data can be transmitted to the web and accessed via the SolarEdge monitoring portal for performance analysis, fault detection and troubleshooting of PV systems. The SolarEdge PV inverter combines sophisticated digital control technology with efficient power conversion architecture to achieve superior solar power harvesting and best-in-class reliability. The fixed string voltage ensures operation at the highest efficiency at all times (98% weighted efficiency) independent of string length and temperature.

The single phase inverter comes with a built-in DC switch, is lightweight and can be installed by a single person on a supplied bracket.

Experience the exceptional benefits of the Waaree 3kW On-Grid Single Phase Solar Inverter, a reliable and efficient solution to power your home with solar energy. This innovative inverter seamlessly integrates with your existing solar panel system, offering unique advantages that make it stand out from the rest.

Upgrade your home with the Waaree 3kW On-Grid Single Phase Solar Inverter and enjoy the exceptional advantages it offers. With its energy-saving capabilities, seamless integration, reliable performance, user-friendly operation, and unique features, it's the perfect solution to power your home with clean and sustainable solar energy. Embrace solar power today and experience a brighter future for your household.

1800-2121-321

Everything you need to grow your business with solar

This 3,000-watt string inverter kit serves as a great entry-level, budget-friendly option for ground sites that receive full sunlight (no shade or obstructions). It's a complete photovoltaic power system that works for homes or businesses, and includes everything you need to get your system up and running.

This 3-kilowatt (kW) kit produces 200 to 550 kilowatt hours (kWh) alternating current (AC) power per month



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(assuming at least five sun hours per day with the solar array facing south) and requires just 184 square feet of space. The kilowatt hours generated monthly by this system could offset one-third of a medium user's consumption, which may equal half of the user's monthly energy costs.

When powered by full sunlight, string inverter systems are a cost-effective solution for home solar installations. An unobstructed south-facing view of the sun will maximize your solar power. If your system is partially shaded by trees, chimneys or other obstructions, the string inverter output will drop along with the output of the whole system.

Due to National Electrical Code standards, rapid shutdown systems are required. You can use this string inverter system on a rooftop if you purchase the additional rapid shutdown devices to make this system NEC-compliant.

Contact us for free full report

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