



## 3kva growatt inverter price

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The SPF 3000TL LVM-ES module is Growatt's cutting-edge, multi-functional off grid and solar inverter-charger, and serves as an essential component for any small to mid-sized power system. This model was designed specifically for residential systems, off-grid and solar systems, & self-consumption applications, and comes equipped with an MPPT solar charge controller, high-frequency pure sine inverter, a UPS function module, and more all in one compact unit.

The included WiFi module is a plug-and-play monitoring device able to be connected directly to your inverter, allowing you to monitor the status of your power system online or from your mobile phone anytime, anywhere. Plus, this inverter works with or without batteries, so you can create a power system tailored to your needs. Combine this 3kW inverter and charger with your PV array, stable grid connection, or favorite BigBattery battery to equip your home or camper van with a safe, reliable power system.

When installing your solar inverter it is important to note the following things: This product MUST be installed by a qualified electrician; A Certificate of Compliance (COC) must always be obtained on completion of the installation; DC surge protection must be on the solar panels; DC protection must be on the batteries; Earth leakage on the Inverter output; AC input must have a breaker.

The Growatt 3kVA inverter is a prime hybrid solar inverter with a maximum output power capacity of 3000 volt-amps or 3000 VA. The Growatt SPF 3000TL HVM series inverter has a pure sine wave output inverter that is perfect for off-grid, backup power and other on-grid applications. The 3kva Growatt inverter can operate with or without batteries, and is easily programmable for desired input source and priorities settings for a variety of usage.

Growatt Inverters are compatible with mains voltage, solar and generator. They are manufactured in an anti-dust kit for smooth operation in harsh environments and comes with built-in MPPT charge Controller.

The Integration of an MPPT charge controller in this 3kva Inverter help optimize charging and discharging of the battery, thereby making it last longer, and also by default remove the need for an external charge controller that is required for proper installation with other inverters. It also possesses a remote monitoring system that features a Wi-Fi dongle that makes it possible to communicate with the inverter with your mobile devices from anywhere.

With Glowatt 3kva inverter, you get a fully customized power backup solution that can power your appliances. It's the perfect inverter for solar solutions for homes and businesses.

The integrated MPPT charge controller in the inverter help to maximize the power output from the solar



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panels by maintaining the panels" operating voltage at the maximum power point (MPP). By tracking the MPP, the MPPT can extract more energy from the solar panels compared to other types of charge controllers.

Configurable feature to prioritize the source of power (the solar panels; &#8220;photovoltaic array; and the utility grid. ) based on certain criteria. This means that the Growatts 3KVA inverter will use grid power before using solar power depending on how it is configured. This feature and configuration is helpful to ensure that you always have power available, even when solar panels aren't producing enough energy during raining season.

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