

## Kongres Container

# Can the inverter be used directly at home



## Overview

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Are inverters suitable for home use?

These inverters are suitable for home use. We offer 2 systems (12v or 24V) and then have provided different battery options to suit your budget. The more cost effective option comes with the Royal 100Ah Standard Deep Cycle Batteries.

How does a solar inverter work?

Central to these systems is the inverter, a device that plays an essential role in transforming the energy generated by your solar panels into usable electricity for your home. Knowing how to connect the inverter to the house network is a key step in any solar setup.

What is a solar inverter?

An inverter is an essential component in any solar power system. Solar panels generate electricity in the form of direct current (DC). This is the initial type of electrical output produced when sunlight interacts with the photovoltaic cells in the panels. However, most homes and electrical appliances operate on alternating current (AC), not DC.

What type of solar inverter do I Need?

**String Inverters:** These are the go-to choice for many residential solar systems. A string inverter connects a series of solar panels (a string) to convert their combined DC output into AC power. They work best where all panels receive similar sunlight without much shading. String inverters are relatively affordable and straightforward to install.

How do I connect my solar inverter to my home network?

Use proper cable glands and conduits to protect the wires from physical damage and adverse weather conditions. In the case of the Anker SOLIX Balcony Solar Power System, connecting the inverter to your home network is

a straightforward process that involves the use of a Schuko connection cable.

How to install a solar inverter?

Attach the output wires from the solar panels to the inverter's designated input terminals, ensuring that each connection is tight and secure to prevent power loss and avoid electrical hazards. Use proper cable glands and conduits to protect the wires from physical damage and adverse weather conditions.

## Can the inverter be used directly at home

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## Contact Us

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