

## Kongres Container

# How to connect the base station battery to the outdoor power supply



## Overview

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What is a base battery system?

The Base battery system is built for performance and reliability. It combines a high-capacity lithium iron battery with intelligent software to optimize energy use. The Base battery system has three main components: the battery pack, inverter, and hub. The long white unit is the battery pack. We mount the battery pack on the ground.

How do I set up a base station?

Set up the base station using either the tripod or T-bar mounting method. You must use an external radio antenna kit for the internal 450 MHz or 900 MHz radio. To avoid interference between the 900 MHz radio and GPRS transmissions, do not mount the external radio antenna within 1 m (3.3 ft) of the GSM antenna.

What does a base hub do during a power outage?

During a power outage, the Base hub disconnects your home from the grid. This ensures that the stored energy in your battery powers only your household. Learn more about the components of your battery system below, in the section "What's inside your Base battery system." The average power outage in Texas lasts 2.5 hours.

How does a base battery work?

This process is called grid-balancing. Base batteries deploy energy to the grid faster than any other service, which is how Base is able to recoup the cost of the battery equipment and keep prices low for homeowners. The charge level of your Base battery will naturally fluctuate over time, rising and falling throughout a multi-day cycle.

What is a battery system & wiring kit?

Battery System: The backup battery you've chosen for your home. Wiring Kit:

Wires to connect the battery to the breaker panel and other parts of the house. Inverter: An inverter converts DC (direct current) power from the battery into AC (alternating current) power used by most household appliances.

How does a battery backup switch work?

Transfer Switch: Automatically switches the power supply from the grid to the battery backup during a power outage. To connect your backup battery to your house, you'll need some essential tools: Circuit Breaker Panel: A main breaker panel where the battery will connect to your home's electrical system.

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