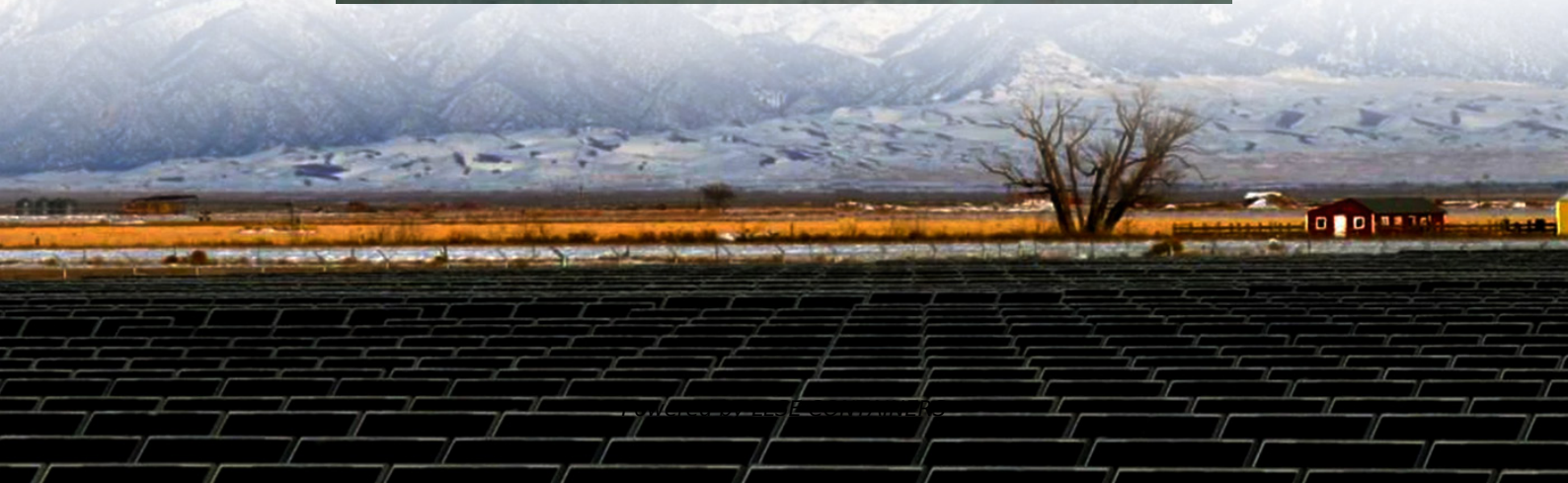


# **Pretoria develops solar container communication station inverter construction**





## Overview

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How does a solar inverter work in Pretoria?

Solar panels in Pretoria generate DC power which is stored in a solar battery bank. The off-grid solar inverter converts the DC power stored in the battery bank to AC current to use in your home in Pretoria. A off-grid solar inverter can also be connected to a generator as a backup power if the solar panels doesn't produce enough power in Pretoria.

What are VAC solar containerised solutions?

The VAC Solar containerised solutions include the required high voltage inverters, LiFePO4 batteries and MCCs (Motor Control Centres) complete with the AC and DC switch gear and protection i.e. circuit breakers, change over switches, fuse protection and SPDs (surge protection devices).

What is a containerised PV plant?

The deployment of containerised PV plants is a fast and convenient method of deploying a new system in remote locations where brick and mortar buildings are not available. These plants can be built and commissioned off site and reduces the time from order placement to energy production significantly.

Who are VAC solar?

VAC Solar specialise in the design, development and construction of containerised solar PV plants. The deployment of containerised PV plants is a fast and convenient method of deploying a new system in remote locations where brick and mortar buildings are not available.



## Pretoria develops solar container communication station inverter co

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