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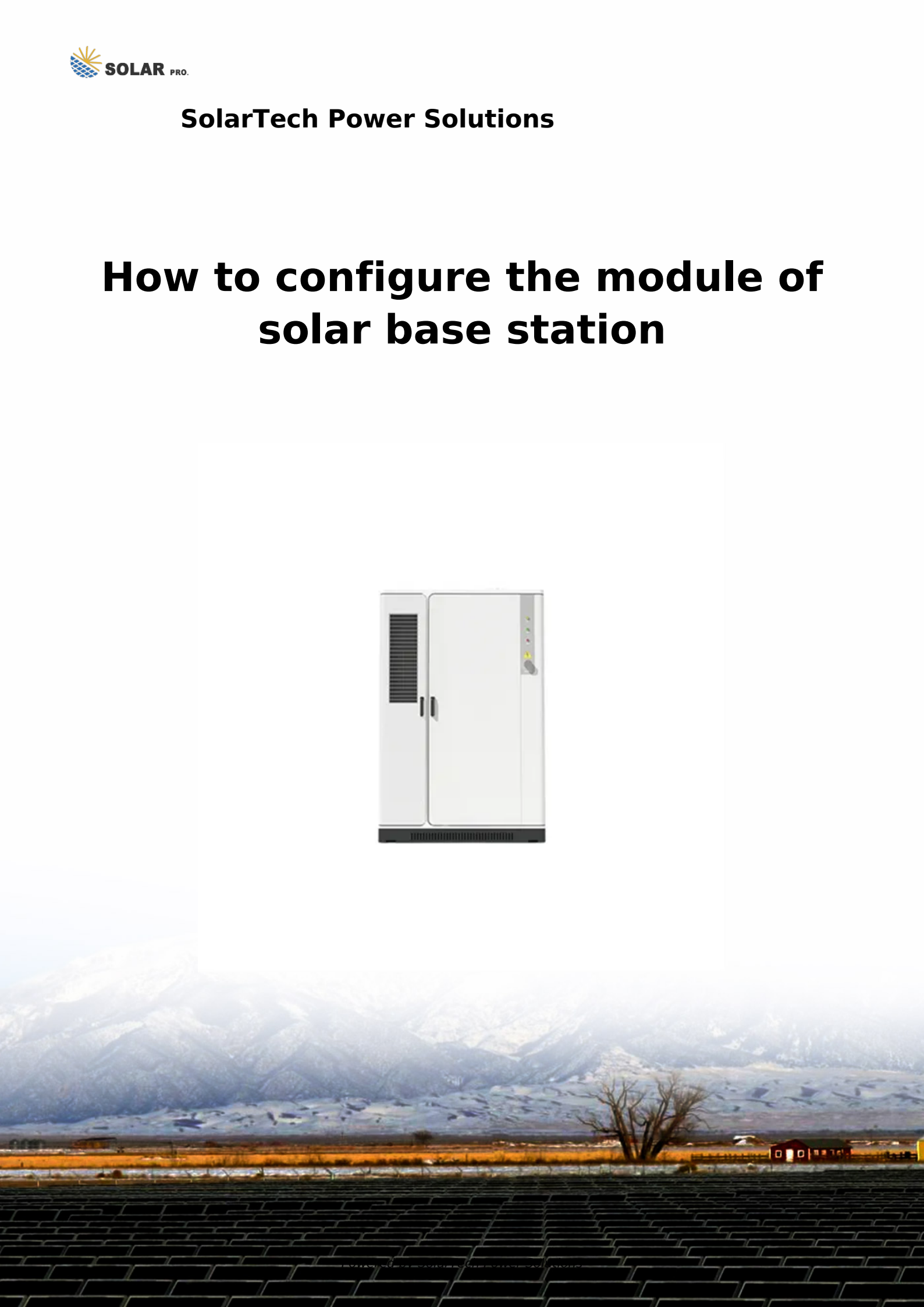
SolarTech Power Solutions

How to configure the module of solar base station



Overview

How do I start a base station setup?

Before starting a base station setup, the user needs to know and understand basic concepts of the base-rover setup. The location is the actual environment in which the base station will be installed. Typically, this means outside in an open sky environment (e.g. on the roof of a building or in an empty field).

Where should a base station be installed?

The location is the actual environment in which the base station will be installed. Typically, this means outside in an open sky environment (e.g. on the roof of a building or in an empty field). Figure 2 shows a typical fixed installation of several antennas, including a VeraChoke and a VeraPhase 6000, on a roof.

Can I select multiple module areas at once for configuration?

It is possible to select several module areas at once for configuration. The suitable inverters are selected from the database via the on-hand selection link. If a selection of different, automatically calculated configurations is desired, the dialogue Calculate Inverter Configuration can be opened via the button .

How do you mount a base station antenna?

Antennas can be mounted in several ways. Typical mounts are tripods, magnet based poles, welded, cemented or otherwise permanently installed mounts. In any base station installation, the stability of the installation is paramount for reliable data logs and measurements.

What should I look for when choosing a base station?

There are two main things to watch out for when selecting a receiver to use as a base station. Firstly, the receiver must be able to output differential corrections (RTCM is strongly preferred).

Why do Rovers need a base station?

Why is a base station needed?

In Real Time Kinematic (RTK) positioning, a rover uses the input from a local base station to accurately augment its position to centimeter level. This is done by using carrier-phase measurements of the received GNSS signals and differencing techniques.

How to configure the module of solar base station

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