



**SolarTech Power Solutions**

# **How to check the battery connection of the communication base station**



## Overview

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Isolate and test the source power supply and connect the base station power cable to the supply via a connector or junction box suitable for the installation environment.

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A method of isolating the power supply connection must be included in the supply circuit. Supply connections must be made water and weatherproof against the weather conditions encountered at the installation location. This product must be grounded. The base station uses a NiMh battery pack to.

1. Check Physical Connections 2. Verify Radio Settings 3. Power & Battery .

The recording and processing requirements of the base station battery test data, the accumulation of these data, can create a complete battery file, providing a credible basis for skill determination planning. This issue introduces the results of the special configuration of battery maintenance.

How is the communication base station battery assembled?

- YouTube How is the communication base station battery assembled?

Step 1: Check the Status Light. Open the electronics box & check to see if the status light (outlined in red below) is flashing green. If it is flashing green, your base station is working. Step 2: Check your Cheat Sheet (if you have one). Your base station is working correctly. Check your radio module.

The SmartRescue Base Stations, utilizing an analog home run configuration, provide a seamless means of communication between stranded individuals, rescue personnel, and offsite parties; Equipped with built-in battery backup, these base stations ensure uninterrupted communication even during power.

What type of battery does a base station use?

The base station uses a NiMh battery pack to maintain operation during short term power loss. Only replace this pack with the same Telensa type replacement battery pack. The base station unit described in this guide emits radio frequency energy through its antenna.

How do I check the function of a Telensa base station?

Check the function of the unit by logging in to the PLANet system as per the Telensa system training. The base station uses a 9.6V NiMh battery pack to maintain operation during short term power loss. CAUTION: Only replace the battery pack with the same Telensa type BS4 replacement battery pack.

How do you mount a base station?

The base station mounting plate must be fixed to the top of the mounting pole. There are two types of mounting plate, one for strap fixing, and the other with a U channel on the rear for direct pole mount using two bolts. Fix the mounting plate to the pole or lighting column in the required position.

How does a base station unit emit radio frequency energy?

The base station unit described in this guide emits radio frequency energy through its antenna. Although the power level is low, concentrated energy from a directional antenna may pose a health hazard.

How do I mount a back-up battery?

Open the cover and plug the back-up battery connector into its white PCB mounted connector at the bottom right of the main PCB. The base station mounting plate must be fixed to the top of the mounting pole. There are two types of mounting plate, one for strap fixing, and the other with a U channel on the rear for direct pole mount using two bolts.

How many compartments does a BS4 base station have?

The BS4 base station has two weatherproof compartments for the functional components. The smaller left hand compartment contains the power connection, hazardous voltages and the unit power supply. This compartment should not be opened. Only a trained electrician should open this compartment.

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