

How to install the battery in the signal base station

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 install a base station?

The base station must be mounted so that its light sensor is not illuminated by the area lighting or other light source. Remove the white outer cover of the base station. Loosen the hex head M8 bolt located between the two covers of the base station. Lift it up. Slide the base station case up to release it from the keyhole slots on the back plate.

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 I install a back-up battery?

Unscrew so that the screws are threaded into the cover plate, this will make opening the cover easier. 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.

This article explains how you can simulate a power outage and test your Base battery system once your battery is installed.

E. It is better to install the battery in the sub-room of the base station. Use a sealed maintenance-free battery. The battery should have a cover plate and be installed on a shelf with the shelf grounded. ...

Connect the antennas to the receiver using the appropriate cables. The receiver uses its own integrated battery, or an external 12 V battery through the 12 V crocodile clips cable that are ...

Which battery is best for telecom base station backup power? Among various battery technologies, Lithium Iron Phosphate (LiFePO₄) batteries stand out as the ideal choice for telecom ...

All of your sensors are battery powered and the Base Station has a built-in rechargeable backup battery that provides power for up to 24 hours during a power outage.

When natural disasters cut off power grids, when extreme weather threatens power supply safety, our communication backup power system with intelligent charge/discharge management and military ...

Designing a 48V 100Ah LiFePO₄ battery pack for telecom base stations requires careful consideration of



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electrical performance, thermal management, safety protections, and compatibility ...

Keep the base station away from 802.11g Wi-Fi devices, 2.4 GHz peripherals, Bluetooth devices, cordless phones, transformers, motors, flu-orescent lamps, microwaves, and refrigerators to ...

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Only use NiMH Rechargeable Batteries - never insert regular, alkaline batteries into your Base Station! Watch this video from our team of experts for a hands-on installation experience

Web: <https://falconengineering.co.za>

