



How to connect the rtk base station directly to the power supply

50KW modular power converter



Flexible Configuration

- Modular Design, Expanding as Required
- Small&Light, Wall Mounted
- Installed in Parallel for Expansion



Powerful Function

- Support PV+ESS
- Grid Support, Equipped with SVG Technology
- On-Grid and Off-Grid Operation



Reliable Protection

- Outdoor IP65 Design
- Sufficient Protection Functions Equipped





Overview

How to Use: Connect the RTK Power Adapter (1 m cable) directly to your RTK Base Station, or pair it with the optional 10 m Extension Cable for greater installation flexibility — enabling independent power supply, stronger satellite reception, and more precise mowing navigation. All connections — including the antenna, power supply, SD card, and Ethernet — must be made only when the base station is unplugged from the power outlet. If you connect the antenna while the base station is powered, you risk burning out not only the antenna power circuitry but even the GNSS. The ArduSimple RTK Base Station, powered by the Septentrio mosaic-X5 module, is designed to function as a Continuously Operating Reference Station (CORS) to provide high-precision RTK corrections through the internet. You can also use it as a local RTK base station through an optional radio link. It used satellite. support and insert it into the central slot. Make sure th setup switch is flipped to "B ting RTCM correction data out the radio port. Whether you are surveying land, managing agricultural fields, or working on engineering projects, a well-configured base station ensures accuracy and reliability. I'll walk you through the essentials of. □Independent Power Design& Install RTK Base Station Separately from Charging Station□ The RTK adapter enables your RoboUP RTK base station to be placed away from RoboUP mower's charging station, giving you more freedom to choose the optimal (free and higher) installation spot.



How to connect the rtk base station directly to the power supply



User Guide: RTK Base Station

Follow this installation manual to properly configure your RTK Base Station. This section also serves as an integration guide for connecting the receiver with other hardware and software. ...

[How to Set Up Your Own RTK Base Station Step-by-Step Guide](#)

Whether you're working on construction, land surveying, or agriculture, this step-by-step guide will help you confidently set up a stable RTK base station using professional-grade equipment.



[RTK Power Adapter for TM01 - RoboUP US Online Store](#)

The RTK Power Adapter can also be used without the 10 m extension cable -- simply connect the adapter plug directly to the RTK Base Station cable to power it independently.



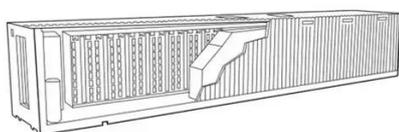
Base station operation guidelines

This topic introduces the concept of base station operation, provides information to help you identify good setup locations, describes best practices for setting up the equipment, and outlines the ...



[RTK Station Setup Guide: Setting Up Your RTK Base Station](#)

Whether you are surveying land, managing agricultural fields, or working on engineering projects, a well-configured base station ensures accuracy and reliability. I'll walk you through the ...



[USV : RTK Base Station Check List Version 1.4](#)

charged or connected to a stable power source. Flip the power switch to "ON" position, and make sure the. setup switch is lipped to "B. SE" position. The RTK will initiate a survey. A ter 60 to 120 seconds ...



[RTK Adapter Only for RoboUP Mower Base Station](#)

How to Use: Connect the RTK Power Adapter (1 m cable) directly to your RTK Base Station, or pair it with the optional 10 m Extension Cable for greater installation flexibility -- enabling independent ...

12.8V6AH

Nominal voltage (V):12.8
 Nominal capacity (ah):6
 Rated energy (WH):76.8
 Maximum charging voltage (V):14.6
 Maximum charging current (a):6
 Floating charge voltage (V):13.6~13.8
 Maximum continuous discharge current (a):10
 Maximum peak discharge current @10 seconds (a):20
 Maximum load power (W):100
 Discharge cut-off voltage (V):10.8
 Charging temperature (°C):0~+50
 Discharge temperature (°C):-20~+60
 Working humidity: <95% R.H (non condensing)
 Number of cycles (25 °C, 0.5c, 100%doD): >2000
 Cell combination mode: 32700-4*1p
 Terminal specification: T2 (6.3mm)
 Protection grade: IP65
 Overall dimension (mm):90*70*107mm
 Reference weight (kg):0.7
 Certification: un38.3/msds

[ELT-RTK Base: Step-by-Step Connection Guide, GNSS Store](#)



Learn how to properly connect your ELT-RTK base with step-by-step instructions, tips on power supply, cables, and configuration for stable GNSS performance.



[SparkFun RTK Reference Station Hookup Guide](#)

The Reference Station can be powered by Power-over-Ethernet (PoE), meaning all you really need to run up to the roof is a standard 8-core CAT-6 Ethernet cable. Choose a PoE Ethernet Switch that ...

[Step-by-Step Guide to Setting Up an RTK Base Station](#)

Follow our detailed guide to correctly set up an RTK base station for accurate surveying. Simplify your workflow with expert tips and best practices.





Contact Us

For catalog requests, pricing, or partnerships, please visit:

<https://www.iwap.com.pl>

Phone: +34 919 456 782

Email: info@iwap.com.pl

Scan the QR code to access our WhatsApp.

