

## Kongres Container

# Install ESS power base station with battery cabinet in weak current room



## Overview

---

Where can I find the installation instructions for my ESS power case?

PN: PD10008, Rev: A01, Copyright Ferroamp Elektronik AB 2022. Document subject to change without prior notice. Verify that you have the latest version of this manual on our website. In this booklet you will find installation instructions for your ESS Power Case.

How should the ESS power case be positioned?

Make sure that the ESS Power Case and the ESS Battery are positioned close enough for the premade battery cables to reach. Indoor environment protected from rain and direct sunlight. Ambient temperatures must not fall below 0 °C and not exceed 45 °C. The environment must be non-condensing, relative humidity below 95%.

How to connect ESS battery?

Make sure that all terminals are tightened to 2.5 Nm, use a torque wrench. Remove the cable grommet for the RJ45 cable, poke a hole, cut it open along one side and attach it around the communication cable. The ESS Battery is now connected!.

How do I set up an ESS system?

There are a few different ways to set an ESS system up. A combination of these are possible as well: See below drawings to get an idea of all possibilities. The first drawing shows the wiring when a MultiPlus-II is used; and the second one shows how it is wired with a MultiPlus or Quattro. Both drawings show all AC- and DC-Coupled combinations.

How do I calibrate the ESS battery?

Turn on the EnergyHub. Close the breaker on the ESS Power Case. Close the breaker on the ESS Battery and press the start button for 5 seconds until it rings. When the system is on the battery will calibrate during the first 24

hours. During this time, you should set the charge reference to 1 kW in the system configuration ().

How many ESO modules do I need to install the ESS system?

Depending on the power configuration of the ESS System you will install the system with 1 or 2 ESO Modules (ordered separately). **RECOMMENDATION!** Read through the manual before installation. **RECOMMENDATION!** Only use this product according to the instructions supplied to avoid any danger. **WARNING!**

## Install ESS power base station with battery cabinet in weak current

---

### Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://drugiswiatowykongrespolakow.pl>