Battery Energy Storage System (BESS)
BASE LOAD POWER HUB

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| 001 | 01.03.2023 | CPA / ADI | First Version |
| 002 | 12.04.2023 | CPA / ADI | Updated according to KBR comments |
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# Foundation Loading Diagram & Support Detail
# B04

## for Base Load Power Hub (BLPH) Project

## Classification: confidential

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|---|---|
| **Document no.** | B04 |
| **Document name** | Foundation Loading Diagram & Support Detail |
| **Component / System** | BESS |
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| Version | Date | Name | Description |
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**Table 1: Version overview**

| | Date | Name |
|---|---|---|
| **Editor** | 2023-04-14 | C. Palenzuela |
| **Checked by** | 2023-04-15 | A. Fritz |
| **Approved by** | 2023-04-15 | C. Palenzuela |

**Table 2: Approval overview**

## Imprint

**Hardware Development and Production Centre**
Freqcon GmbH
Bürgerwiesenweg 5
D-27336 Rethem, Germany

Phone: +49 (0) 5165 – 291 760 – 0

Email:
info@freqcon.de
hardware@freqcon.de
Phone: +49 (0) 571 – 388 478 – 10

Email:
info@freqcon.de
Software@freqcon.de

**Contact details**

For further information please contact us by phone or send us a mail to **info@freqcon.de**.
You can also visit us on our website **http://www.freqcon.com** to find more information about our products and solutions.

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# Identification

## Product Version / Document Version

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**Document release date**
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K559-2254-CWIWP4202201-B04-001

## Name and Address of Manufacturer

**Manufacturer of the product**
FREQCON GmbH
Bürgerwiesenweg 5
D-27336 Rethem, Germany

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## Original document

This document is an original document of FREQCON GmbH.

# 1 Introduction

## 1.1 About this Document

This document is part of project phase “Detailed Design Engineering” for the Base Load Power Hub (BLPH) Project (K559-2254). In case of any contradiction resulting by the information or specification given in this document, phase 2 or later documents supersede the information provided in this document.

## 1.2 Display Elements

| Symbol | Meaning |
|---|---|
| ➜ | Action with one or several steps for which the sequence is irrelevant. |
| **Step 1 :**<br>**Step 2 :** | Action with several steps for which the sequence is relevant. |
| • | First level of list. |
| - | Second level of list. |

**Table 1: Display Elements**

## 1.3 Other Applicable Documents

The following documents are applicable:

| Document type | Document Name |
|---|---|
| Foundation loading diagram and support detail | 53396 PCS Container Foundation Load.pdf |
| Foundation loading diagram and support detail | 53406 BESS Container 1 Foundation Load.pdf |
| Foundation loading diagram and support detail | 53412 BESS Container 2 Foundation Load.pdf |

**Table 2: Other applicable documents**

## 1.4 Generic Terms and Abbreviations Used

This following list should help you understand some of the abbreviations used in this document.

| Generic Term and Abbreviation | Description |
|---|---|
| BESS | Battery Energy Storage System |
| BLPH | Base Load Power Hub |
| PCS | Power Conversion System |
| | |
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**Table 3: Generic terms and abbreviations used**

# 2 General

The foundation loading diagrams, and support details are attached to this document (*see section 1.3 "Other Applicable Documents"*).

| Container | Manufacturer | FRQ part no. | File Name |
|---|---|---|---|
| PCS | FREQCON | 53396 | 53396 PCS Container Foundation Load.pdf |
| BESS 1 | FREQCON | 53406 | 53406 BESS Container 1 Foundation Load.pdf |
| BESS 2 | FREQCON | 53412 | 53412 BESS Container 2 Foundation Load.pdf |
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**Table 4: Other applicable documents**