



W: 102.4 mm
H: 152.4 mm
D: 90 mm

Photovoltaic and Battery Protection

DC Protection Kit

CBI offers a complete kit for the protection of cables and equipment in battery back-up installations. The kit includes a robust metal enclosure with heavy duty CBI circuit breakers pre-installed and ready to protect battery installations with a high short-circuit capacity. The circuit breakers are designed to work in DC applications of up to 80V and comply with local and international standards such as IEC 60947-2 and UL 489A.

The kit includes busbars, glands, labels and screws to make installation quick and easy without the need to attach lugs or even remove the circuit breaker for connection. With this kit you will be able to disconnect both positive and negative connections as is best practice for inverter applications.

Kits come in the following standard amp ratings: 100A, 125A, 150A, 175A, 200A, 250A

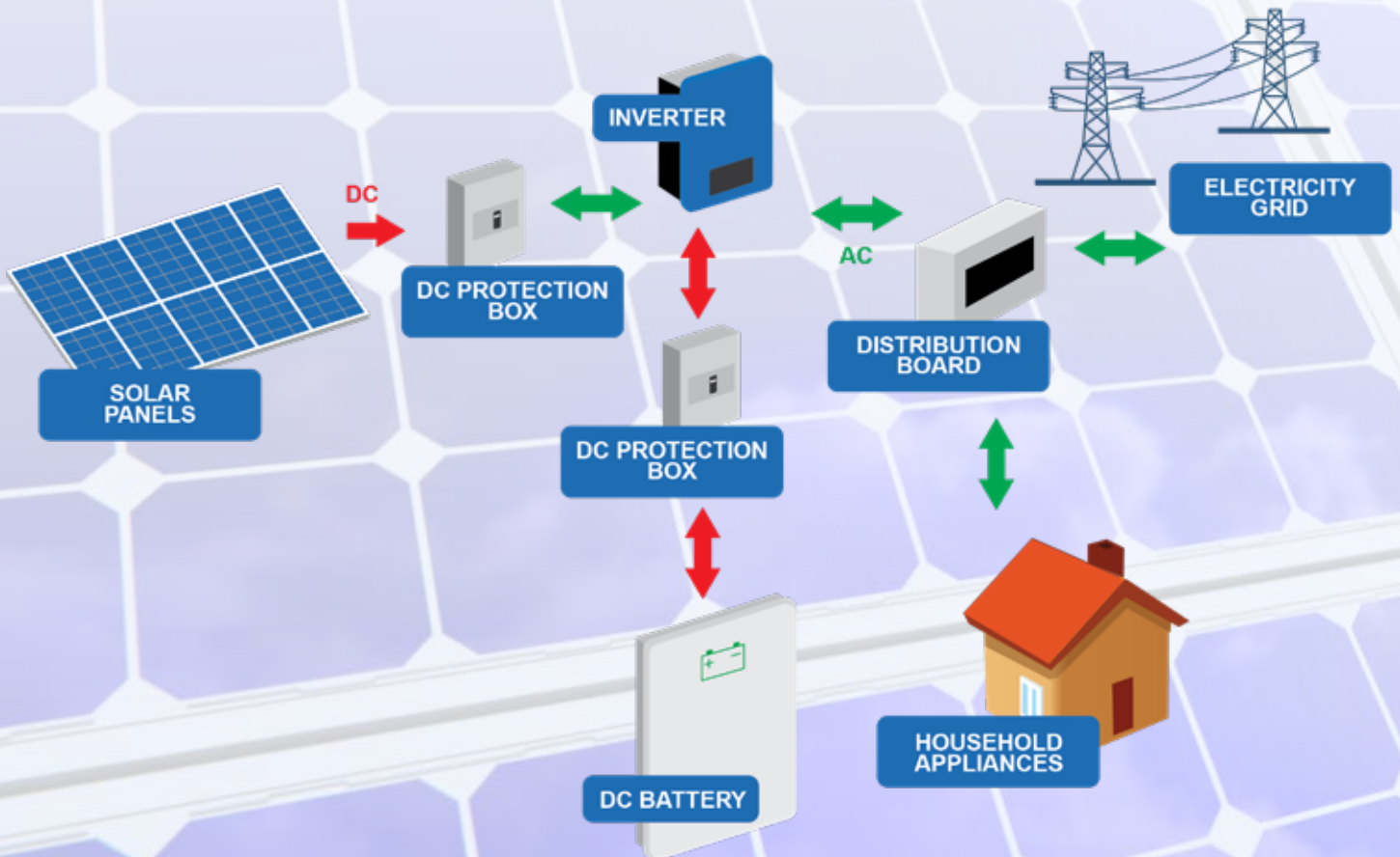
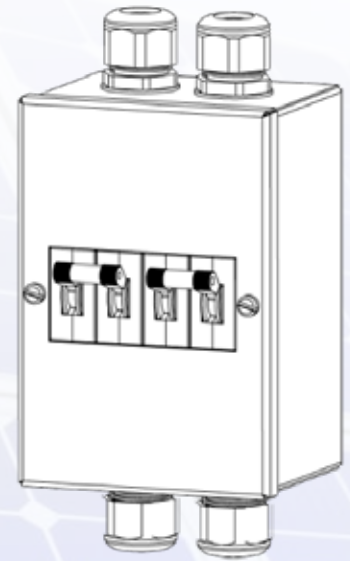
Included in kit:

- 1 x Enclosure with glands
- 2 x CBI DC Circuit breakers
- 4 x Busbars with box terminal
- 1 x Drill template
- 1 x Instruction manual

Battery Protection	
Part Number	Description
BATBOX100	Battery Protection Box 100A
BATBOX125	Battery Protection Box 125A
BATBOX150	Battery Protection Box 150A
BATBOX175	Battery Protection Box 175A
BATBOX200	Battery Protection Box 200A
BATBOX250	Battery Protection Box 250A

Installation instructions

1. Select a suitable location to mount the enclosure
2. Use the drill template to mark the drill holes
3. Drill a hole for the nylon screws
4. Remove the front cover. Mount the enclosure to the wall. Take note- DO NOT REMOVE the circuit breakers from the enclosure.
5. Strip the wire ends by 15mm
6. Push the stripped ends of the wire into the glands and align inside the box terminal
7. Tighten box terminal with a flat screwdriver
8. Attach the enclosure lid with the screws provided
9. Best practice would be to Earth the enclosure at the connection point provided



Contact CBI for photovoltaic and battery protection solutions - www.cbi-lowvoltage.co.za - solar@cbi-electric.com

SOUTH AFRICA

CBI-electric: low voltage
 Tripswitch Drive Elandsfontein
 Gauteng South Africa
 Tel: +27 11 928 2000
 Email: solar@cbi-electric.com
 Website: www.cbi-lowvoltage.co.za



Website



Facebook



Instagram



LinkedIn



Pinterest



Twitter



YouTube



TikTok

© 2021 CBI (Pty) Ltd. All Rights Reserved.

All rights reserved. Unless otherwise indicated, all materials on these pages are copyrighted by CBI (Pty) Ltd. No part of these pages, either text or image may be used for any purpose other than personal use. Therefore, reproduction, modification, storage in a retrieval system or retransmission, in any form or by any means, electronic, mechanical or otherwise, for reasons other than personal use, is strictly prohibited without prior written permission. CBI (Pty) Ltd reserves the right to alter any details of this document / agreement without notice and while every effort is made to ensure the accuracy of the content, no warranty is given as to the accuracy of this document and no responsibility will be accepted for error or misinterpretation and any resulting loss.

A member of the **REUNERT** Group