

SB & Labelling 17 – Information Sheet

Date published: 20 February 2026

Version 1.0

Overview

CER Checklist item: SB & Labelling 17

Do switchboards energised by battery system contain the label "Multiple Supplies Isolate all Supplies before Working on this Switchboard"?

Standard reference: AS/NZS 4777.1:2024 Clause 6.3 (g).

1. Introduction

SAA has analysed Clean Energy Regulator (CER) inspection data to identify the most common areas of non-compliance. Based on these insights, we have developed educational resources that highlight where issues typically arise and offer practical guidance to support installers in achieving compliance. This document should be read in conjunction with the relevant Standard(s).

SB & Labelling 17 shall comply with the requirements of AS/NZS 4777.1:2024 Clause 6.3 (g).

This document outlines the key requirements for correct installation of equipment and includes examples of observed non-compliances to highlight common installation errors and help prevent their recurrence.

2. Key Requirements for compliant SB & Labelling 17

AS/NZS 4777.1:2024 Clause 6.3 Signs for the switchboard to which the IES is directly connected

The following signs shall be installed on the switchboard to which the IES is directly connected:

- (a) The main switch for the IES supplementary supply shall be labelled "MAIN SWITCH (INVERTER)". Where there is more than one IES supplementary supply other wording associated with the energy source may be added to the label e.g. "MAIN SWITCH (SOLAR INVERTER)". Where an IES has a IPSP providing supplementary supplies to an electrical installation as part of a multiple electrical installation, the label for each supplementary supply main switch shall be labelled "MAIN SWITCH (INVERTER)" and be followed by additional information to identify the associated electrical installation as part of a multiple electrical installation and be consistent with terminology used in the multiple electrical installation.
- (b) Where the inverter is connected to the main switchboard, the main switch for the grid supply shall be labelled "MAIN SWITCH (GRID)".
- (c) Where the inverter is connected to a distribution switchboard and where there is a main isolator/s for the distribution board it shall be labelled "MAIN ISOLATOR (GRID)".

- (d) The main switch for the IES alternative supply shall be labelled “MAIN SWITCH (ALTERNATIVE)”.
- (e) The main switch for the IES Independent supply shall be labelled “MAIN SWITCH (INDEPENDENT)”.
- (f) The overcurrent protection device for the independent inverter a.c. input port shall be labelled “ISOLATOR (GRID INPUT)”.
- (g) **A warning sign containing the text “WARNING”, “MULTIPLE SUPPLIES” and “ISOLATE ALL SUPPLIES BEFORE WORKING ON THIS SWITCHBOARD”, and shall be in a prominent position on the switchboard and visible to personnel operating at the switchboard.**

All main switch labels shall be identified in accordance with AS/NZS 3000.

NOTE: In some areas, alternate words may be used for “grid” to indicate the grid supply or the supply from the electricity distributor; acceptable alternatives that can be used for “grid” include “mains” and “normal”. Where a main switch is for both a supplementary supply and an alternative supply, the main switch shall be labelled as per (d) above.

Also see: AS/NZS 4777.1:2024 Clause 6.1 Requirements for signs and labels

This clause contains requirements for the colour, size, durability of signs and labels.



Figure 1: Example from AS/NZS 4777.1:2024 Appendix A.4.

3. Common non-compliances identified with this CER checklist item

3.1 No label has been applied at a switchboard energised by the battery system



Figure 2: Non-compliant – this switchboard is energised by the battery system and does not have the appropriate label applied.

- a) **Non-compliance:** The label is often installed only at the main switchboard—or not installed at all. Where a battery system includes a gateway or sub-board, that board is the point at which the IES is directly connected and is therefore the correct location for the required label. Installing the label at this point ensures anyone working on the board is alerted to the presence of multiple supplies and can carry out safe isolation, maintaining electrical safety.
- b) **Best Practice:** If the battery system is connected to the same switchboard as the existing PV inverter, this label should already be installed. Regardless of the configuration, it remains the responsibility of the installer making the battery connection to ensure the correct label is applied. These labels are typically supplied in standard labelling kits.

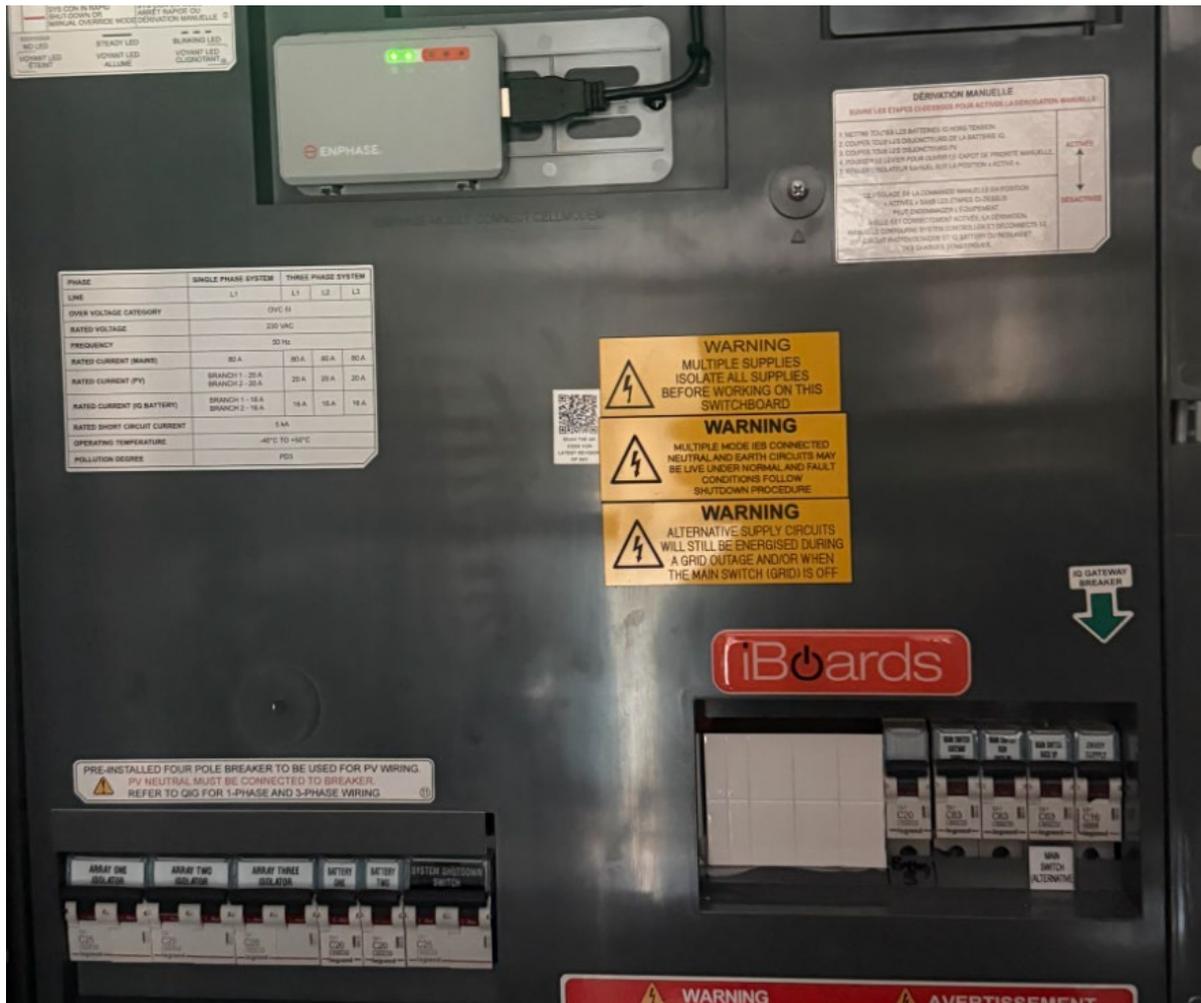


Figure 3: Compliant - label applied upon rectification of CER inspection.