

Lithium DC Battery Label Kit
Part No: KLIBDC02



Instructions for fixing your labels

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These labels have been produced by a team of professional engravers & printers who are Clean Energy Council Members. This kit fully complies with current AS/NZS 5139 & Clean Energy Council BESS Label Requirements. This kit has been examined by CEC.

The fixing instructions below have been supplied by CEC . Refer to the Section 4 BESS label requirements. AS/NZS5139
Please note: No responsibility is taken by the manufacturer or distributor in supplying these instructions.



Danger Risk of Battery Explosion

Fixed adjacent to the enclosure or on all doors where the battery system is located AS/NZS5139 Clause 7.8



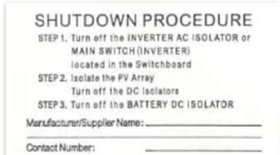
Restricted Access

Fixed adjacent to the enclosure or on all doors where the battery system is located AS/NZS5139 Clause 7.5



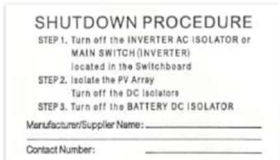
Danger Toxic Fumes

Fixed adjacent to the enclosure or on all doors where the battery system is located AS/NZS5139 Clause 7.9






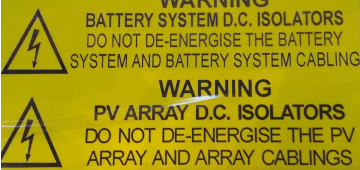



x 2 Battery Shutdown Procedure






Fixed adjacent to the PCE to which the battery system is connected and adjacent to and visible from the equipment to be operated in the event of a shutdown. AS/NZS5139 Clause 7.16



The Clean Energy Council has advised:

Ensure appropriate steps for safe shutdown are considered for your individual battery system and installation. The Shutdown Procedure provided in this kit is a generic Shutdown Procedure for the battery only and may not suit your specific requirements.

	<p>Battery Supply If the voltage is DVC-A, fix the label adjacent to the battery enclosure or on all doors to the battery system or BESS room. Refer to AS/NZS5139 Clause 7.6</p> <p>Battery levels for Decisive voltage classification (DVC) from AS/NZS5139 Table 3.2</p> <table border="1" data-bbox="609 411 1062 520"> <tr> <td>A</td><td>≤60 Vdc</td></tr> <tr> <td>B</td><td>≤120 Vdc</td></tr> <tr> <td>C</td><td>>120 Vdc</td></tr> </table> <p>If the voltage is A, you need the “Battery Supply” Label (white/black label)</p>	A	≤60 Vdc	B	≤120 Vdc	C	>120 Vdc
A	≤60 Vdc						
B	≤120 Vdc						
C	>120 Vdc						
	<p>x 2 ES (Green Reflective) Fixed on the outside of the Meter Panel & Main Switchboard, visible on approach to the property. AS/NZS5139 Clause 7.3</p>						
	<p>Warning Multiple Battery Systems Fixed adjacent to the PCE connected to the multiple battery systems. AS/NZS5139 Clause 7.12.3</p>						
	<p>x 2 Warning Labels Mounted Together To be place with the appropriate shutdown procedure located at the Inverter and the Main Switchboard These labels should be mounted together. AS/NZS5139 Clause 7.17 & Figure B.15</p>						
	<p>Warning Arc Flash Hazard Fixed adjacent to the enclosure or on all doors where the battery system is located. AS/NZS5139 Clause 7.16</p>						
	<p>Warning Do Not Disconnect Under Load Disconnectors for DVC-B & DCV-C systems and HRC fuse holders. Fixed adjacent to or on each disconnector or HRC fuse holder AS/NZS5139 Clause 7.12.4 and 7.13.3</p>						
	<p>Warning Multiple Mode IES Connected AS/NZS 4777.1:2024 6.8 Signs for multiple mode inverters A warning sign shall be installed in the main switchboard, and all distribution switchboards electrically connected between the main switchboard and a distribution switchboard to which an IES is directly connected, warning that a multiple mode inverter with alternative supply or independent supply mode is connected, including the requirement to follow the shutdown procedure for safe isolation.</p>						

	<p>Warning Essential Supply Circuits</p> <p>AS/NZS 4777.1:2024, Clause 6.2</p> <p>Where the energy source is not de-energized when the IES is shutdown, a warning shall be included in the emergency shutdown procedure indicating that isolation of the energy source, by shutting down the inverter and isolating the IES, may not de-energize the energy source and further actions may be required. This label is only required for battery systems that provide an Alternate (back up) supplies</p> <p>AS/NZS 4777.1:2024 – Clause 6.2, Note 2: Manufacturer instructions for startup and shutdown procedures may have optional requirements</p>						
	<p>Battery System</p> <p>Where multiple battery systems are installed within one electrical installation, there shall be a sign for each battery system.</p> <p>AS/NZS5139 Clause 7.6</p> <p>Battery levels for Decisive voltage classification (DVC) from AS/NZS5139 Table 3.2</p> <table><tr><td>A</td><td>≤60 Vdc</td></tr><tr><td>B</td><td>≤120 Vdc</td></tr><tr><td>C</td><td>>120 Vdc</td></tr></table> <p>If the voltage is A, you need the white label (Battery Supply..A,V) If the voltage is B or C, you only need the red label.</p>	A	≤60 Vdc	B	≤120 Vdc	C	>120 Vdc
A	≤60 Vdc						
B	≤120 Vdc						
C	>120 Vdc						
	<p>Battery System D.C. Isolator</p> <p>Fixed to the battery system isolation device in a prominent location. AS/NZS5139 Clause 7.12.2 Note: See other clauses in 7.12 & 7.13</p> <p>Fixed to the battery system isolation device in a prominent location. AS/NZS5139 Clause 7.12.2 Note: See other clauses in 7.12 & 7.13</p>						
	<p>x 2 Battery</p> <p>Fixed to battery cabling not enclosed in conduit.</p> <p>AS/NZS5139 Clause 7.1.4</p>						
	<p>These engraved numbers can be easily peeled off and adhered to your round, green reflective “ES” labels to indicate the UN number for the battery chemistry you are installing.</p>						

<div>BATTERY LOCATED</div>	<div>Battery Located Fixed adjacent the MAIN SWITCH for the Battery System ASNZS4777.1</div>
<div><div>MULTIPLE BESS SUPPLIES BESS# 1/_____ SHORT CIRCUIT CURRENT _____A MAXIMUM D.C.VOLTAGE _____V</div></div>	<div>Multiple BESS Supplies Where multiple battery systems are installed within the one electrical installation, there shall be a sign for each battery system installed adjacent to the battery enclosure or on all doors to the battery system. Refer to AS/NZS5139 Clause 7.6</div>
<div><div>MAIN SWITCH ESSENTIAL SERVICES MAIN SWITCH (BATTERY) ISOLATOR (GRID INPUT) MAIN SWITCH (INDEPENDENT) MAIN SWITCH (ALTERNATIVE)</div></div>	<div>Signs for the switchboard to which the IES is directly connected AS/NZS 4777.1:2024 Clause 6.3 These signs shall be installed on the switchboard to which the IES is directly connected</div>