



Lead Battery Label Kit
Part No: KPBBK01

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Instructions for fixing your labels

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



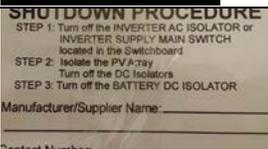
Restricted Access

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



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

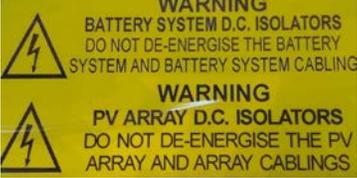
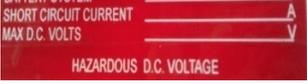
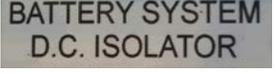


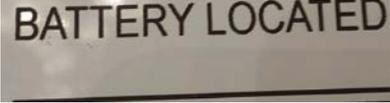
Battery Supply

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

Battery levels for Decisive voltage classification (DVC) from AS/NZS5139 Table 3.2

A	≤60 Vdc
B	≤120 Vdc

	<table border="1"> <tr> <td>C</td> <td>>120 Vdc</td> </tr> </table>	C	>120 Vdc	<p>If the voltage is A, you need the “Battery Supply” Label (white/black label)</p>				
C	>120 Vdc							
	<p>Continued Fixing Instructions for KPBBK01 Lead Battery Label Kit Page 2</p> <p>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 disconnecter or HRC fuse holder AS/NZS5139 Clause 7.12.4 and 7.13.3</p>							
	<p>Battery System Where multiple battery systems are installed within one electrical installation, there shall be a sign for each battery system. 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="597 1497 1052 1612"> <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 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>Battery Fixed to battery cabling not enclosed in conduit. 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. This is not mandatory.</p>
	<p>Fixed adjacent the MAIN SWITCH for the Battery System ASNZS4777.1 Clause 6.2 & 6.4</p>
	<p>KPBBK01 Lead battery kit – Continued Page 3</p> <p>Face Shield Fixed adjacent to the enclosure or on all doors where the battery system is located ASNZS5139 Clause 7.5</p>
	<p>Protective Clothing Fixed adjacent to the enclosure or on all doors where the battery system is located ASNZS5139 Clause 7.5</p>
<p>IN THE EVENT OF LIQUID DETECTED IN THE BUND, USE LABELLED SPILL KIT AND PPE TO REMOVE LIQUID. REPORT FAILURE IMMEDIATELY TO SUPPLIER UN: _____</p>	<p>In the event of liquid detected Fixed adjacent to the battery systems AS/NZS5139 Clause 7.19</p>
<p>ELECTROLYTE BURNS Immediately wash affected areas with plenty of water then.....</p> <p>SKIN BURNS 1. If possible remove or saturate contaminated clothing with water. 2. If patient is distressed take patient to doctor.</p> <p>EYE BURNS 1. Immediately wash eye with large amounts of water using emergency eye wash bottle. 2. All cases of eye burn after rendering first aid, take patient immediately to doctor.</p> <p>NOTE: Doctor must be advised of type of burn (a) Lead/acid battery - dilute sulphuric acid electrolyte (b) Nickel/Cadmium battery - potassium hydroxide alkali electrolyte</p> <p>PRECAUTION: 1. Always wear protective clothing when dealing with electrolyte</p>	<p>Electrolyte Burns Fixed adjacent to the enclosure or on all doors where the battery system is located ASNZS5139 Clause 7.10</p>
<p>MULTIPLE BESS SUPPLIES BESS# 1/ _____ SHORT CIRCUIT CURRENT _____ A MAXIMUM D.C. VOLTAGE _____ V</p>	<p>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</p>