

**Stand Alone General Purpose Label Kit**  
**Part No: KSAGP01**



**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.**

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The fixing instructions below have been supplied by CEC . Refer to the Section 4 BESS label requirements. AS/NZS5139, ASNZS 4777.1 & AS/NZS5033  
**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



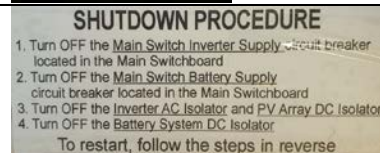
**Restricted Access**

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



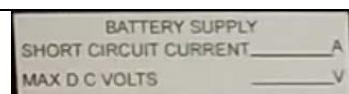
**Danger Toxic Fumes**

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
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B	≤120 Vdc
C	>120 Vdc

If the voltage is A, you need the "Battery Supply" Label (white/black label)

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**ES (Green Reflective)**

Fixed on the outside of the Meter Panel & Main Switchboard, visible on approach to the property.  
AS/NZS5139 Clause 7.3



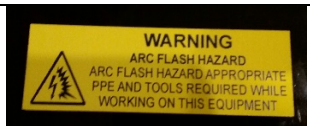
**PV (Green Reflective)**

Fixed on the outside of the Meter Panel, visible on approach to the property  
AS/NZS5033 Clause 5.4.2



**Warning Multiple Battery Systems**

Fixed adjacent to the PCE connected to the multiple battery systems.  
AS/NZS5139 Clause 7.12.3



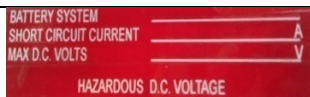
**Warning Arc Flash Hazard**

Fixed adjacent to the enclosure or on all doors where the battery system is located.  
AS/NZS5139 Clause 7.16



**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






**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

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

A	≤60 Vdc
B	≤120 Vdc
C	>120 Vdc

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>BATTERY SYSTEM D.C. ISOLATOR</p>	<p><b>Page 3 Continued....</b></p> <p><b>Battery System D.C. Isolator</b> Fixed to the battery system isolation device in a prominent location. ASNZS 5139 See Clause 7.12.2 See other clauses in 7.12 &amp; 7.13</p>
<p>MAIN SWITCH (BATTERY SUPPLY)</p>	<p><b>KACB01 Continued</b> <b>Page 3</b></p> <p><b>Main Switch (Battery Supply)</b> Fixed adjacent the MAIN SWITCH for the battery supply. AS/NZS4777.1</p>
<p>MAIN SWITCH (INVERTER SUPPLY)</p>	<p><b>Main Switch (Inverter Supply)</b> Fixed adjacent the MAIN SWITCH for the IES. AS/NZS4777.1 Clause 6.2 (b)</p>
<p>BATTERY LOCATED</p>	<p><b>Battery Located</b> Fixed adjacent the MAIN SWITCH for the Battery System ASNZS4777.1 Clause 6.2 &amp; 6.4</p>
	<p><b>Warning Multiple Supplies....Switchboard</b> Fixed at the Switchboard to which the IES is directly connected. AS/NZ4777.1 Clause 6.2 &amp; 6.4</p>
<p>Inverter Location</p>	<p><b>Inverter Located</b> Where the inverter is not adjacent to the Main Switchboard AS/NZS 4777.1 Clause 6.2 &amp; 6.4</p>
<p>INVERTER A.C. ISOLATOR</p>	<p><b>Inverter AC Isolator</b> Fixed to AC isolator adjacent to inverter. AS/NZS4777.1 Clause 6.8 (a)</p>
<p>PV Array DC Isolator # _____</p>	<p><b>PV Array DC Isolator</b> Fixed to DC isolator/s at the inverter. AS/NZS 5033 Clause 5.5.1 &amp; 5.5.2</p>
<p>BATTERY SYSTEM CIRCUIT BREAKER</p>	<p><b>Battery System Circuit Breaker</b> Sorry, no instructions available at the moment. Waiting on advice from CEC.</p>
	<p><b>Warning Multiple DC Sources</b> Fixed at DC isolators when multiple devices are used that are not ganged together. AS/NZS5033 Clause 5.5.2</p>
	<p><b>Warning Hazardous DC Voltage</b> Fixed to array junction boxes. AS/NZS 5033 Clause 5.3.1</p>

<p><b>MULTIPLE BESS SUPPLIES</b>          BESS# 1/____          SHORT CIRCUIT CURRENT _____ A          MAXIMUM D.C.VOLTAGE _____ V</p>	<p><b>Page 4 Continued .....</b></p> <p><b>Multiple BESS Supplies</b>          Where multiple battery systems are installed within the one electrical installation, there shall be a sign for <b>each</b> battery system installed adjacent to the battery enclosure or on all doors to the battery system.          Refer to AS/NZS5139 Clause 7.6</p>
<p><b>SOLAR ARRAY ON ROOF</b>          SHORT CIRCUIT CURRENT: _____ A          OPEN CIRCUIT VOLTAGE: _____ V</p>	<p><b>Solar Array On</b>          Fixed on Meter Panel and/or the Main Switchboard (if not installed together).          AS/NZS5033 Clause 5.4.1          Note: See clause for details on how to fill out this label</p>
 <p><b>FACE SHIELD MUST BE WORN</b></p>	<p><b>Face Shield</b>          Fixed adjacent to the enclosure or on all doors where the battery system is located          ASNZZ5139 Clause 7.5</p>
 <p><b>PROTECTIVE CLOTHING MUST BE WORN</b></p>	<p><b>Protective Clothing</b>          Fixed adjacent to the enclosure or on all doors where the battery system is located          ASNZZ5139 Clause 7.5</p>
<p><b>IN THE EVENT OF LIQUID DETECTED IN THE BUND, USE LABELLED SPILL KIT AND PPE TO REMOVE LIQUID. REPORT FAILURE IMMEDIATELY TO SUPPLIER UN: _____</b></p>	<p><b>In the event of liquid detected</b>          Fixed adjacent to the battery systems          AS/NZS5139 Clause 7.19</p>
<p><b>ELECTROLYTE BURNS</b>          Immediately wash affected areas with plenty of water then.....</p> <p><b>SKIN BURNS</b>          1. If possible remove or saturate contaminated clothing with water.          2. If patient is distressed take patient to doctor.</p> <p><b>EYE BURNS</b>          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><b>NOTE:</b> 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><b>PRECAUTION:</b> 1. Always wear protective clothing when dealing with electrolyte.</p>	<p><b>Electrolyte Burns</b>          Fixed adjacent to the enclosure or on all doors where the battery system is located          ASNZZ5139 Clause 7.10</p>
 <p><b>WARNING</b>          BATTERY SYSTEM D.C. ISOLATORS          DO NOT DE-ENERGISE THE BATTERY SYSTEM AND BATTERY SYSTEM CABLING</p>	<p><b>Warning Battery DC Isolators</b></p>