

AC Battery Label Kit
Part No: KACB02

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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
Turn off the BATTERY AC ISOLATORS (AC & Essential Loads) or the BATTERY & ESSENTIAL LOADS
Circuit breakers located in the Switchboard.

Manufacturer/Supplier Name: _____
Contact Number: _____

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Manufacturer/Supplier Name: _____
Contact Number: _____

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

BATTERY SUPPLY
SHORT CIRCUIT CURRENT _____ A
MAX D C VOLTS _____ V








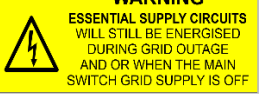
Battery Supply

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
C	>120 Vdc

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

	<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>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 disconnect or HRC fuse holder AS/NZS5139 Clause 7.12.4 and 7.13.3</p>
	<p>Warning Battery System AC Isolators Positioned directly below the shutdown procedure which is fixed adjacent to the PCE to which the battery system is connected AS/NZS5139 Clause 7.16</p>
	<p>Warning Multiple Supplies....Switchboard Fixed at the Switchboard to which the IES is directly connected. AS/NZ4777.1 Clause 6.2 & 6.4</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 AS/NZS 4777.1:2024, Clause 6.2 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 AS/NZS 4777.1:2024 – Clause 6.2, Note 2: Manufacturer instructions for startup and shutdown procedures may have optional requirements</p>

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<div><div>BATTERY SYSTEM</div><div>SHORT CIRCUIT CURRENT _____ A</div><div>MAX D.C. VOLTS _____ V</div><div>HAZARDOUS DC VOLTAGE</div></div>	<div><div>Battery System</div><div>Where multiple battery systems are installed within one electrical installation, there shall be a sign for each battery system.</div><div>AS/NZS5139 Clause 7.6</div><div>Battery levels for Decisive voltage classification (DVC) from AS/NZS5139 Table 3.2</div><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><div>If the voltage is A, you need the white label (Battery Supply..A,V)</div><div>If the voltage is B or C, you only need the red label.</div></div>	A	≤60 Vdc	B	≤120 Vdc	C	>120 Vdc
A	≤60 Vdc						
B	≤120 Vdc						
C	>120 Vdc						
<div><div>BATTERY SYSTEM</div><div>A.C. ISOLATOR</div></div>	<div><div>Battery System A.C. Isolator</div><div>Fixed to AC Isolator adjacent to BESS</div><div>ASNZS4777.1 Clause 6.8B</div></div>						
<div><div>BATTERY</div></div>	<div><div>x 2 Battery</div><div>Fixed to battery cabling not enclosed in conduit.</div><div>AS/NZS5139 Clause 7.1.4</div></div>						
<div><div>MAIN SWITCH ESSENTIAL SERVICES</div><div>MAIN SWITCH (BATTERY)</div><div>ISOLATOR (GRID INPUT)</div><div>MAIN SWITCH (INDEPENDENT)</div><div>MAIN SWITCH (ALTERNATIVE)</div></div>	<div><div>Signs for the switchboard to which the IES is directly connected</div><div>AS/NZS 4777.1:2024 Clause 6.3</div><div>These signs shall be installed on the switchboard to which the IES is directly connected</div></div>						
<div><div>BATTERY LOCATED</div></div>	<div><div>Battery Located</div><div>Fixed adjacent the MAIN SWITCH for the Battery System</div><div>ASNZS4777.1 Clause 6.2 & 6.4</div></div>						
<div><div>ELECTROLYTE BURNS</div><div>Immediately wash affected areas with plenty of water then:</div><div>SKIN BURNS</div><div>1. If possible, remove or saturate contaminated clothing with water.</div><div>2. If patient is distressed, take patient to doctor.</div><div>EYE BURNS</div><div>1. Immediately wash eye with large amounts of water using emergency eye wash facility.</div><div>2. All cases of eye burn, after flushing, stop and take patient immediately to doctor.</div><div>NOTE: Do not use the affected organs of body.</div><div>Do not use battery: (do not touch and do not use).</div><div>Do not: Contact battery: (do not touch and do not use).</div><div>PRECAUTION: Always wear protective clothing when dealing with electrolyte.</div></div>	<div><div>Electrolyte Burns</div><div>Fixed adjacent to the enclosure or on all doors where the battery system is located</div><div>ASNZS5139 Clause 7.10</div></div>						
<div><div>3480 3480</div><div>3090 3090</div></div>	<div><div>UN Numbers</div><div>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.</div></div>						