

Stand Alone Lithium Label Kit
Part No: KSALI01



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, 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



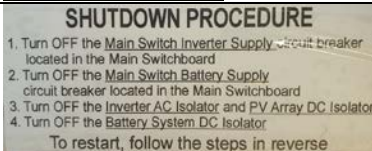
Restricted Access

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



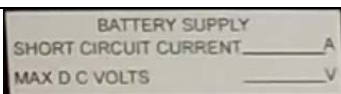
Danger Toxic Fumes

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)

KACB01 Continued
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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



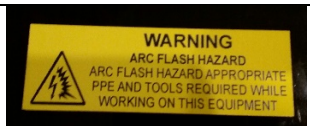
PV (Green Reflective)

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



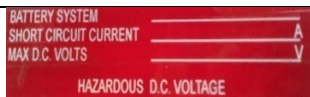
Warning Arc Flash Hazard

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

MULTIPLE BESS SUPPLIES
BESS# 1/____
SHORT CIRCUIT CURRENT _____ A
MAXIMUM D.C.VOLTAGE _____ V

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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

SOLAR ARRAY ON ROOF

SHORT CIRCUIT CURRENT: _____ A
OPEN CIRCUIT VOLTAGE: _____ V

Solar Array On

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