KSALI02 – Instructions for fixing your labels	
Stand Alone Lithium Label Kit Part No: KSALI02	Instructions for fixing your labels
Page 1	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 <b>Please note:</b> No responsibility is taken by the manufacturer or distributor in supplying these instructions
	distributor in supplying these instructions.
NO SPARKS FLAMES	<b>Danger Risk of Battery Explosion</b> Fixed adjacent to the enclosure or on all doors where the battery system is located AS/NZS5139 Clause 7.8
RESTRICTED ACCESS AUTHORIZED PERSONNEL ONLY	<b>Restricted Access</b> Fixed adjacent to the enclosure or on all doors where the battery system is located AS/NZS5139 Clause 7.5
EXAMPLE AND A CONTRACT OF A CO	<b>Danger Toxic Fumes</b> Fixed adjacent to the enclosure or on all doors where the battery system is located AS/NZS5139 Clause 7.9
SHUTDOWN PROCEDURE 1. Turn OFF the Main Switch Inverter, circuit breaker located in the Main Switch Batery circuit Unsealer Jocated in The Main Switchboard 3. Turn OFF the Inverter AC Isolator and PV Array DC Isolator 4. Turn OFF the Sattery System DC Isolator To To restart, follow the steps in reverse	<b>Battery Shutdown Procedure</b> 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 CURRENTA MAX D.C VOLTSV	<b>Battery Supply</b> 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)

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ES UN: 3480	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 DP AC SW	<b>PV (Green Reflective)</b> Fixed on the outside of the Meter Panel, visible on approach to the property AS/NZS5033 Clause 5.4.2
WARNING MULTIPLE BATTERY SYSTEMS TURN OFF ALL BATTERY SYSTEM ISOLATORS TO ISOLATE EQUIPMENT	Warning Multiple Battery Systems Fixed adjacent to the PCE connected to the multiple battery systems. AS/NZS5139 Clause 7.12.3
ACC FLASH HAZARD ACC FLASH HAZARD ACC FLASH HAZARD APPROPRIATE PPE AND TOOLS REQUIRED WHILE WORKING ON THIS EQUIPMENT	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	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
WARNING MULTIPE SUPPLIES ISOLATE ALL SUPPLIES BEFORE WORKING ON THIS SWITCHBOARD	Warning Multiple SuppliesSwitchboard Fixed at the Switchboard to which the IES is directly connected. AS/NZ4777.1 Clause 6.2 & 6.4
WARNING MULTIPLE D. C. BOCCE TURN OFF ALL D.C. ISOLATORS TO ISOLATE EQUIPMENT	Warning Multiple DC Sources Fixed at DC isolators when multiple devices are used that are not ganged together. AS/NZS5033 Clause 5.5.2
WARNING HAZARDOUS D.C. VOLTAGE	Warning Hazardous DC Voltage Fixed to array junction boxes. AS/NZS 5033 Clause 5.3.1
BATTERY	<b>x 2 Battery</b> Fixed to battery cabling not enclosed in conduit. AS/NZS5139 Clause 7.1.4

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Page 3 BATTERY SYSTEM	Pottory System
SHORT CIRCUIT CURRENTA MAX D.C. VOLTSV	Battery System
HAZARDOUS D.C. VOLTAGE	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 SupplyA,V) If the voltage is B or C, you <b>only</b> need the red label.
	Battery System D.C. Isolator
BATTERY SYSTEM	Fixed to the battery system isolation device in a prominent
D.C. ISOLATOR	location.
	ASNZS 5139 See Clause 7.12.2 See other clauses in 7.12 & 7.13
PATTERYLOCATER	Battery Located
BATTERY LOCATED	
	Fixed adjacent the MAIN SWITCH for the Battery System
	ASNZS4777.1
	Inverter Located
	Where the inverter is not adjacent to the Main Switchboard,
	location information is provided
	AS/NZS 4777.1
	Inverter AC Isolator
INVERTER A.C. ISOLATOR	Fixed to AC isolator adjacent to inverter.
	AS/NZS4777.1 Clause 6.8 (a)
	PV Array DC Isolator
PV ARRAY D.C. ISOLATOR	Fixed to DC isolator/s at the inverter.
	AS/NZS 5033 Clause 5.5.1 & 5.5.2
	Battery System Circuit Breaker
BATTERY SYSTEM CIRCUIT BREAKER	
	Multiple BESS Supplies
	Where multiple battery systems are installed within the one
MULTIPLE BESS SUPPLIES	
BESS# 1/	electrical installation, there shall be a sign for <b><u>each</u></b> battery system
BESS# 1/A	
BESS# 1/	installed adjacent to the battery enclosure or on all doors to the
BESS# 1/A	

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WARNING: PV STRING DISCONNECTION POINT	x 2 Warning PV String Disconnection Point
	Attach to the PV module or structure within 300mm of the
	disconnection point to identify the location of the disconnection
	point.
	AS/NZS 5033:2021
WHINE LOADS HAT BE EQUATED AND C ORDINATE E TRATER BALL AND	x 4 Warning Loads Must be Isolated
	Attach to both the positive and negative cable within 100mm of
	the disconnection point of the PV string.
	AS/NZS 5033:2021
Solar d.c. cables in	Solar DC Cables in Conduit
conduit have been installed in this ceiling space. The	This label should be installed adjacent to the access point
conduit is labelled 'SOLAR' and care must be taken	AS/NZS 5033:2021
while working nearby. The	
internal solar d.c. cables may be live and must not	
be disturbed or damaged.	
HAZARDOUS D.C. VOLTAGE	Large Warning Hazardous DC Voltage
	This label should be installed adjacent to the access point, directly
	underneath the Solar DC Cable in conduit label.
	AS/NZS 5033:2021
MAIN SWITCH (INVERTER)	Main Switch (Inverter)
	AS/NZS 4777.1:2024 Clause 6.3
	This sign shall be installed on the switchboard to which the IES is
	directly connected
	Main Switch (Battery)
MAIN SWITCH (BATTERY)	Fixed adjacent the MAIN SWITCH for the battery supply.
	AS/NZS4777.1
	Main Switch (Generator)
MAIN SWITCH (GENERATOR)	Main Switch (Generator) Fixed adjacent the MAIN SWITCH for the generator supply.