Stand Alone Lithium Label Kit Part No: KSALI01	CLEAN ENERGY COUNCIL
	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  Please note: No responsibility is taken by the manufacturer or
	distributor in supplying these instructions.
DANGER RISK OF BATTERY EXPLOSION SMOKING SPARKS FLAMES	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
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AUTHORIZED PERSONNEL ONLY	Restricted Access  Fixed adjacent to the enclosure or on all doors where the battery system is located AS/NZS5139 Clause 7.5
TOXIC FUMES FIRE WILL CAUSE TOXIC FUMES Appropriate PER requirements apply for endering the resolventing with for endering the resolventing with the ballery systems	Danger Toxic Fumes 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 Supply Securit breaker located in the Main Switchboard  2. Turn OFF the Main Switch Battery Supply circuit breaker located in the Main Switchboard  3. Turn OFF the Inverter AC Isolator and PV Array DC Isolator  4. Turn OFF the Battery System DC Isolator  To restart, follow the steps in reverse	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 CURRENTA MAX D C VOLTSV	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

	D <120 \/do
	B ≤120 Vdc C >120 Vdc
	C   >120 vuc
	If the voltage is A, you need the "Battery Supply" Label (white/black label)
	KACB01 Continued
	Page 2
<b>ES</b> 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 (Green Reflective)
	Fixed on the outside of the Meter Panel, visible on approach to the
	property
RV	AS/NZS5033 Clause 5.4.2
	Warning Multiple Battery Systems
WARNING MULTIPLE BATTERY SYSTEMS	Fixed adjacent to the PCE connected to the multiple battery
TURN OFF ALL BATTERY SYSTEM ISOLATORS TO	systems.
ISOLATE EQUIPMENT	AS/NZS5139 Clause 7.12.3
	7.5/14255155 Clause 7.12.5
WARNING	Warning Arc Flash Hazard
WARNING ARC FLASH HAZARD ARC FLASH HAZARD APPROPRIATE	Fixed adjacent to the enclosure or on all doors where the battery
PPE AND TOOLS REQUIRED WHILE WORKING ON THIS EQUIPMENT	system is located.
1	AS/NZS5139 Clause 7.16
. WARNING	Warning Do Not Disconnect Under Load
DO NOT DISCONNECT	Disconnectors for DVC-B & DCV-C systems and HRC fuse holders.
UNDER LOAD	Fixed adjacent to or on each disconnector or HRC fuse holder
	AS/NZS5139 Clause 7.12.4 and 7.13.3
BATTERY SYSTEM	Battery System
SHORT CIRCUIT CURRENT A MAX D.C. VOLTS	Where multiple battery systems are installed within one electrical
HAZARDOUS D.C. VOLTAGE	installation, there shall be a sign for each battery system.
	AS/NZS5139 Clause 7.6
	7.3/11233133 Clause 7.0
	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	Page 3 Continued
	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
MAIN SWITCH (BATTERY SUPPLY)	KACB01 Continued Page 3
	Main Switch (Battery Supply) Fixed adjacent the MAIN SWITCH for the battery supply. AS/NZS4777.1
MAIN SWITCH (INVERTER SUPPLY)	Main Switch (Inverter Supply) Fixed adjacent the MAIN SWITCH for the IES. AS/NZS4777.1 Clause 6.2 (b)
BATTERY LOCATED	Battery Located Fixed adjacent the MAIN SWITCH for the Battery System ASNZS4777.1 Clause 6.2 & 6.4
WARNING MULTIPLE 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
Inverter Location	Inverter Located Where the inverter is not adjacent to the Main Switchboard AS/NZS 4777.1 Clause 6.2 & 6.4
INVERTER A.C. ISOLATOR	Inverter AC Isolator Fixed to AC isolator adjacent to inverter. AS/NZS4777.1 Clause 6.8 (a)
PV Array DC Isolator #	PV Array DC 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 Sorry, no instructions available at the moment. Waiting on advice from CEC.
WARNING MULTIPLE D.C SOURCES 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

MULTIPLE BESS SUPPLIES  BESS# 1/	Page 4 Continued
SHORT CIRCUIT CURRENTA  MAXIMUM D.C.VOLTAGEV	Multiple BESS Supplies Where multiple battery systems are installed within the one electrical installation, there shall be a sign for <u>each</u> 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	Solar Array On
SHORT CIRCUIT CURRENT:A	Fixed on Meter Panel and/or the Main Switchboard (if not installed together).
OPEN CIRCUIT VOLTAGE: V	AS/NZS5033 Clause 5.4.1
	Note: See clause for details on how to fill out this label