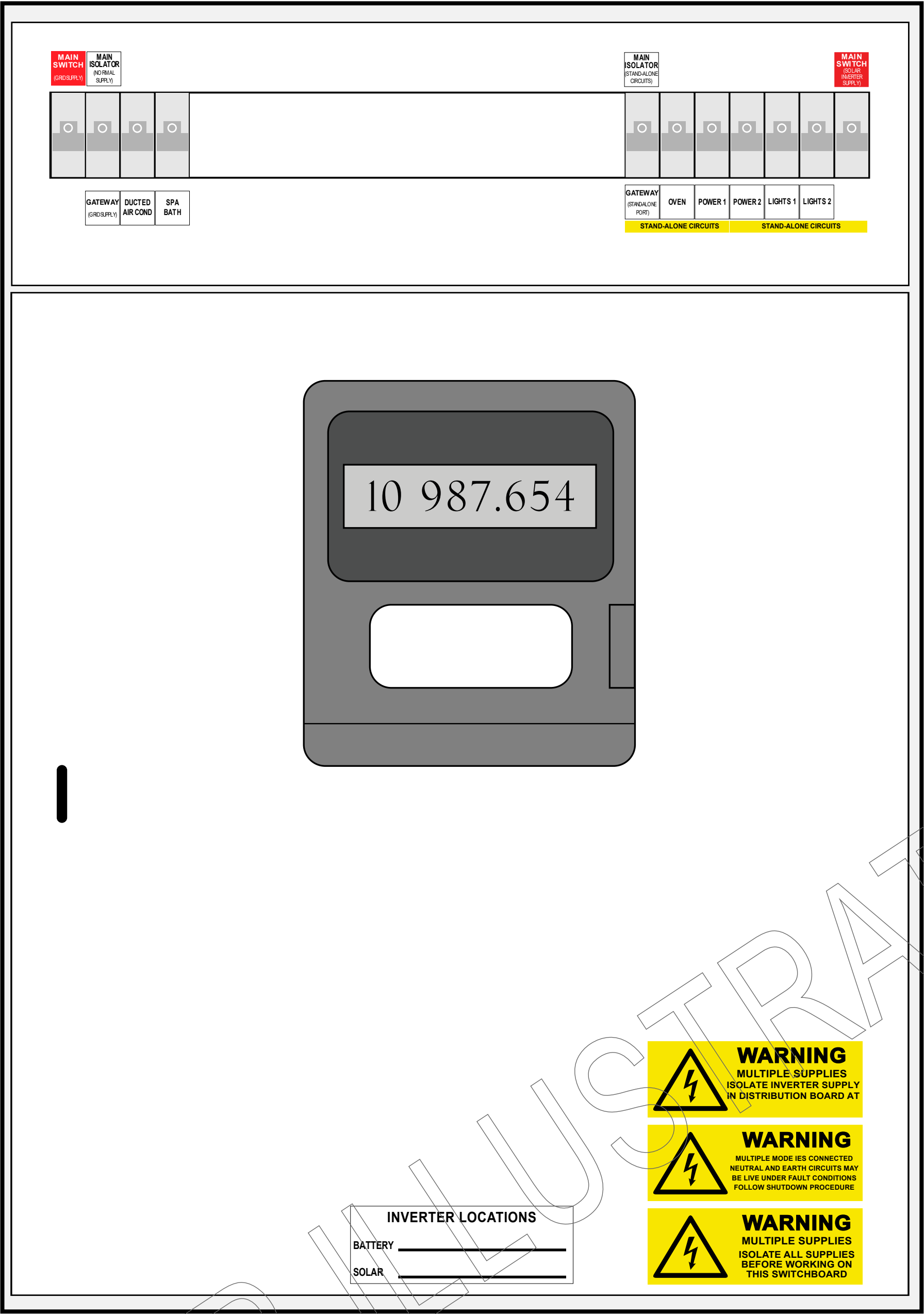


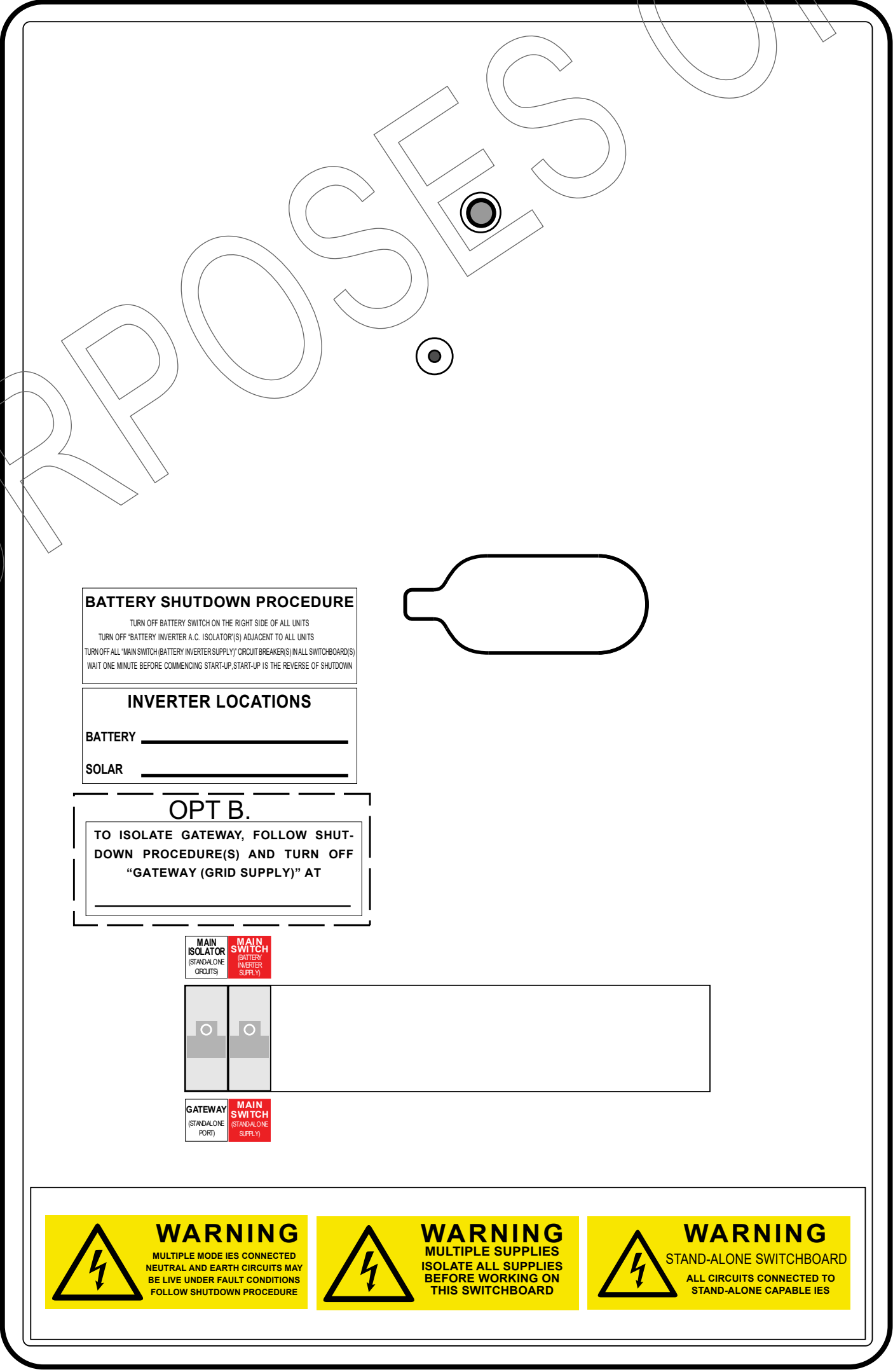
Label Example	Details
	Circular green reflector sign w/ sticky backing. Located on or immediately adjacent to the main metering panel and MSB
	This sign shall be installed on the switchboard to which the IES is directly connected and shall be installed in a prominent position on the switchboard AS 4777.1 cl 4.2
	Where the IES is directly connected to a distribution switchboard, signs shall be installed in prominent positions on the main switchboard and all intermediate distribution switchboards. AS 4777.1 6.3 For commercial sites with fire panels fix one sign to front of FIP
	A warning sign shall be installed in the main switchboard and any intermediate distribution switchboards warning that a multiple mode IES with stand-alone functionality is connected and the requirement to follow the shutdown procedure for safe isolation. AS 4777.1 cl 6.11
	On the escutcheon of any switchboards where ALL circuits are stand-alone.
	A permanent sign detailing the shutdown procedure for the IES in the event of an emergency situation shall be installed adjacent to and visible from the equipment or the switch to be operated in the event of a shutdown. AS 4777.1 cl. 6.7 Installers shall fit two per site: one adjacent to PCE, one inside switchboard the PCE is connected to.
	A sign stating voltage and current shall be mounted either adjacent to the enclosure or on all doors to the battery system or BESS AS 5139 cl. 7.6 Where multiple BESS are installed within one electrical installation but not in the same location (eg. One in adjacent to MSB one in garage), there shall be a sign for each BESS that includes an identifiable number together with the total number of BESS shown. eg BESS #1/4 - engraved after "BATTERY ENERGY STORAGE SYSTEM"
	A sign notifying service personnel on how to isolate Gateway shall be installed adjacent to Gateway, right side. If substrate is not appropriate for mounting sign then it shall be located inside Gateway above the Main Isolator
	Inverter location label installed at the same switchboard to which the BESS is connected. WHERE INVERTER OR IES IS NOT LOCATED ADJACENT TO THE SWITCHBOARD TO WHICH IT IS CONNECTED AS/NZS 4777.1:2016 Cl 6.2 and FIGURE A5
	Adjacent to any stand-alone circuits IF not in it's own stand-alone DB
	The following signs shall be installed for labelling of isolators adjacent to the inverter(s). (a) 'INVERTER A.C. ISOLATOR'. (b) '<ENERGY SOURCE, TYPE> ISOLATOR' where 'ENERGY SOURCE' is the energy source (e.g. PV) and 'TYPE' is either a.c. or d.c. (e.g. 'PV ARRAY, D.C. ISOLATOR'. 'WIND TURBINE, A.C. ISOLATOR', 'BATTERY BANK, D.C. ISOLATOR'). AS 4777.1 cl. 6.8 Where multiple inverters of one type (solar or battery) are installed on one site, the A.C. Isolator label shall be engraved with the inverter's number. eg "BATTERY INVERTER #1 A.C. ISOLATOR"
	Adjacent to Main Switch of Grid Supply (In South Australia the Meter Isolator is considered the Main Switch) AS/NZS 4777.1:2016, Cl 6.2
	Adjacent to Gateway Grid Supply Isolator
	Adjacent to Gateway load side CB
	Adjacent to Stand-Alone Supply from BESS AS/NZS 4777.1:2016, Cl 6.11
	Adjacent to Main Switch of Battery Inverter Supply(s) AS/NZS 4777.1:2016, Cl 6.2
	If Multi PW install. Adjacent to CB of Battery Inverter #1 Supply AS/NZS 4777.1:2016, Cl 6.2
	If Multi PW install. Adjacent to CB of Battery Inverter #2 Supply AS/NZS 4777.1:2016, Cl 6.2
	If Multi PW install. Adjacent to CB of Battery Inverter #3 Supply AS/NZS 4777.1:2016, Cl 6.2
	Where the inverter is connected to a distribution switchboard, a sign containing the text 'MAIN ISOLATOR (NORMAL SUPPLY)'. This sign shall be installed adjacent to the isolator(s) for the normal supply to the distribution switchboard. AS 4777 6.2 (d)
	Adjacent to Gateway, load side CB if in MSB
	Adjacent to Main Isolator in a Distribution Board where ALL circuits are stand-alone.
	Adjacent to any single stand-alone circuit IF not within it's own stand-alone DB
	Adjacent to any Sub Board circuit breaker



MAIN SWITCHBOARD(MSB)/ METER PANEL

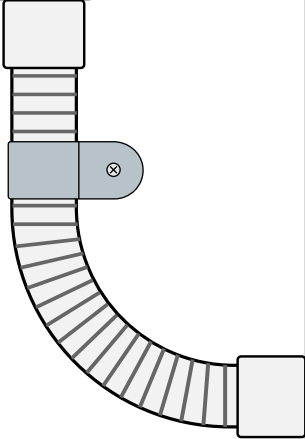
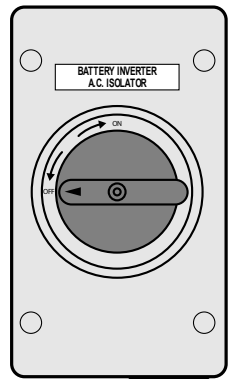
ES
UN: 3480

*Shall be located on MSB & Meter Panel



GATEWAY 2

BATTERY ENERGY STORAGE SYSTEM
SHORT CIRCUIT CURRENT: 30A A.C. 180A D.C.
MAXIMUM VOLTAGE: 259V A.C. 459V D.C.
HAZARDOUS D.C. VOLTAGE
BATTERY SHUTDOWN PROCEDURE
Turn off battery switch on the front side of all units.
Turn off battery switch on all inverters located on all units.
Disconnect all power from the battery system by disconnecting all inverters.
For the latest safety information, please refer to the user manual.



T E S L A

Note: Do not install labels on the Powerwall.
Labeling should be placed visibly adjacent to the Powerwall



POWERWALL 2




Frequently Asked Questions

Can I place labels on the front of the Powerwall?

Labels are identified in the standards to be placed 'adjacent' to the battery. In addition to this advice, labels placed beside a battery allow for increased legibility should a heating event occur.

Section 7 of AS/NZS: 5139 shows a number of hazard signs and my inspector said they are required.

The majority of section 7 relates to **BATTERY** systems rather than **BESS** which the Powerwall is. Where standards apply to a BESS systems, it is identified as such. Therefore labels such as the below are **not required** on the Tesla Powerwall.

	Fixed adjacent to the enclosure or on all doors where the battery system is located. AS/NZS5139 Clause 7.11
	Fixed adjacent to the enclosure or on all doors where the battery system is located. AS/NZS5139 Clause 7.8
	Fixed adjacent to the enclosure or on all doors where the battery system is located. AS/NZS5139 Clause 7.9
	Fixed adjacent to the enclosure or on all doors where the battery system is located AS/NZS5139 Clause 7.5
	Fixed adjacent to the enclosure or on all doors where the battery system is located. AS/NZS5139 Clause 7.10

AS/NZS: 5139 section 7.7 states that an SDS is required. Where can I find one?

While this section applies to Battery systems, you can locate the [Tesla Powerwall SDS on our Partner Portal](#).

What are the maintenance requirements for the Powerwall?

Powerwall and the Gateway do not require pre-scheduled preventative maintenance. The only maintenance required by the owner is to keep the Powerwall unit free and clear of debris, especially around the air intake and exhaust.

Some of the labeling requirements refer to manufactures guidelines. Does Tesla provide any guidance on these clauses?

Yes! This can be found on the Partner Portal in the Application Notes section ([direct link to document](#)).