

SolShare Labelling Advice

UK

Version D2

DISCLAIMER

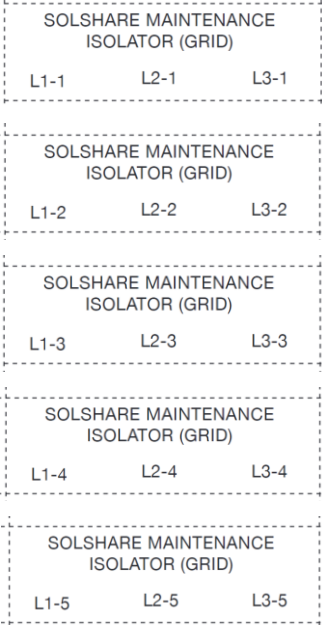
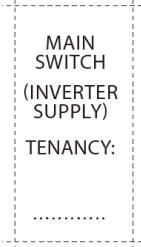
This document is intended to provide guidance on how to apply labels for a SolShare installation. This document does not override official guidance from Distribution Network Operators (DNOs) or UK standards. It is the responsibility of the solar installer to ensure labelling meets the relevant requirements



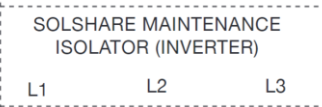
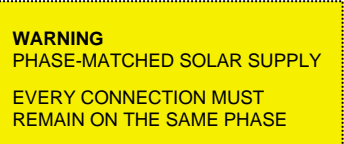

Each SolShare is provided with a label pack (to be applied to the meter panel/switchboard at site, as well to SolShare cabling) as well as having several labels applied to the SolShare itself already.

This document provides guidance on the recommended use of labelling for SolShare installations.


Always consult the project SLD for information relevant to your installation.

LABELS PROVIDED IN SOLSHARE LABEL PACK

Label	Drawing	Quantity per SolShare	Recommendations / information
SolShare Maintenance Isolators (Grid)		<p>5 total (1 of each shown)</p>	<p>Apply to any SolShare Maintenance Isolators (Grid) used in the installation. Depending on how many SolShare outputs are used in the installation, some (but not all) of these labels may be applied.</p> <p>These should be installed starting with 'L1-1 L2-1 L3-1' to the left progressing to 'L1-5 L2-5 L3-5' to the right. This will align with the output cabling terminations in the SolShare.</p>
Main Switches (Inverter Supply)		<p>15</p>	<p>Apply to the Main Switches (Inverter Supply) used in the installation. Depending on how many SolShare outputs are used in the installation, some (but not all) of these labels may be applied.</p> <p>Write the tenancy name/number (e.g. 213, Unit 2A, etc.) corresponding to each Main Switch (Inverter Supply) on each label.</p>

Warning (Multiple supplies)		30	<p>Apply 1 label next to each electricity meter.</p> <p>Apply 1 label next to each meter isolator if separate from the electricity meter and if not paired as a three pole with the solar supply.</p>
Warning (Do not remove CTs)		15	Apply next to each SolShare CT location.
SolShare Maintenance Isolator (Inverter)		1	Only apply this label if the SolShare Maintenance Isolator (Inverter) is present (see project SLD) on the input to the SolShare. This may not be required if the Inverter Supply Main Switch is readily accessible from SolShare.
Warning (Phased-matched solar supply)		1	Apply this label to the outside the multi service distribution board.
Warning (Solar Neutral Connection)		1	Apply this label to the outside the multi service distribution board.

LABELS ALREADY APPLIED TO THE SOLSHARE ENCLOSURE

Label	Drawing	Quantity per SolShare
SolShare Shutdown and Startup Procedure	<div style="border: 1px dashed gray; padding: 5px;"> <p style="text-align: center;">SolShare Shutdown Procedure</p> <p>If maintenance isolators are present:</p> <ol style="list-style-type: none"> 1. Turn off all SOLSHARE MAINTENANCE ISOLATORS (GRID) 2. Turn off SOLSHARE MAINTENANCE ISOLATOR (INVERTER) <p>If maintenance isolators are not present:</p> <ol style="list-style-type: none"> 1. Turn off INVERTER AC ISOLATOR 2. Turn off MAIN SWITCH (INVERTER SUPPLY) for all tenancies connected to SolShare <p style="text-align: center;">SolShare Startup Procedure</p> <ol style="list-style-type: none"> 1. Turn on DC PV Array Isolator located next to inverter 2. Turn on INVERTER AC ISOLATOR 3. Turn on SOLSHARE MAINTENANCE ISOLATOR (INVERTER) [if present] 4. Ensure MAIN SWITCH (NORMAL SUPPLY) for each tenancy are on 5. Turn on MAIN SWITCH (INVERTER SUPPLY) for all tenancies connected to SolShare 6. Turn on all SOLSHARE MAINTENANCE ISOLATORS (GRID) [if present] </div>	1
Caution (Risk of electric shock)	<div style="border: 1px dashed gray; background-color: yellow; padding: 5px;"> <p style="text-align: center;">Caution Risk of Electric Shock</p> <p>Multiple AC voltage sources are terminated inside this equipment. The input and each output circuit must be individually disconnected before servicing.</p> <p>When the photovoltaic array is exposed to light, the inverters will supply an AC voltage to this equipment.</p> </div>	1
Australian Made		1

RECOMMENDED ADDITIONAL LABELS TO BE SUPPLIED BY INSTALLER (NOT PROVIDED WITH SOLSHARE)

Label	Recommendations / information
Inverter Supply Main Switch / Main Switch Inverter Supply	To be applied to the Inverter Supply Main Switch between inverter and SolShare.
Inverter AC Isolator	To be applied to the Inverter AC Isolator on the output of the inverter.
Main Switches (Normal Supply)	To be applied to the Main Switches (Normal Supply). These labels will often already exist at the installation and may be labelled differently in the project SLD (e.g. Main Switches (Grid Supply)).

MULTIPLE SUPPLIES LABEL PLACEMENT

BS7671 section 514.15 requires “Where an installation includes alternative or additional sources of supply, warning notices shall be affixed at the following locations in the installation:

(i) At the origin of the installation

(ii) At the meter position, if remote from the origin

(iii) At the consumer unit or distribution board to which the alternative or additional sources are connected

(iv) At all points of isolation of all sources of supply.

The warning notice shall be durably marked in legible type not smaller than that illustrated here and shall read as follows”

WARNING – MULTIPLE SUPPLIES

Isolate all electrical supplies before carrying out work.

Isolate the mains supply at

Isolate the alternative supplies at