

SolShare Labelling Advice

Version B2 – February 2023

DISCLAIMER

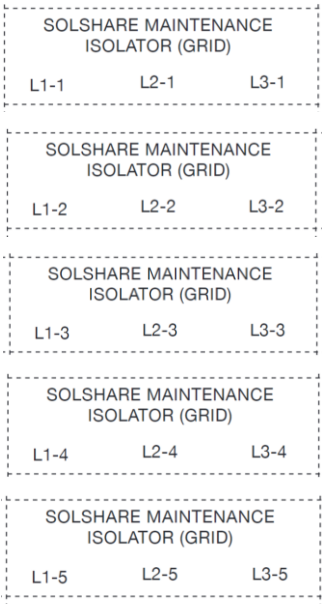
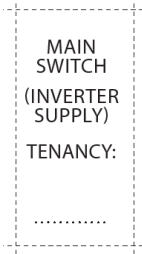
This document is intended to provide guidance on how to apply labels for a SolShare installation. This document does not override official guidance from Distribution Network Service Providers (DNSPs) or Australian standards. It is the responsibility of the solar installer to ensure labelling meets the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

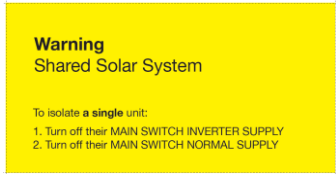
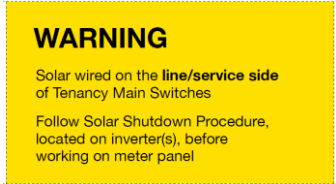
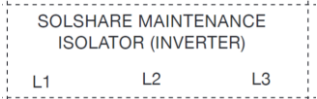
Each SolShare is provided with a label pack (to be applied to the meter panel/switchboard at site, as well to SolShare cabling) as well as having several labels applied to the SolShare itself already.

This document provides guidance on the recommended use of labelling for SolShare installations. Please note that some label packs will use the Red (R), White (W) and Blue (B) phase terminology, rather than L1, L2 and L3.



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)		5 total (1 of each shown)	<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> <p>If the Main Switches (Inverter Supply) for each tenancy are readily accessible from the SolShare, then SolShare Maintenance Isolators may not be required. In these cases, do not use these labels (they can be reserved for future SolShare installations).</p>
Main Switches (Inverter Supply)		15	<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>

<p>Warning (Tenancy shutdown procedure)</p>	 <p>Warning Shared Solar System</p> <p>To isolate a single unit: 1. Turn off their MAIN SWITCH INVERTER SUPPLY 2. Turn off their MAIN SWITCH NORMAL SUPPLY</p>	<p>1</p>	<p>Apply to the switchboard in a location clearly visible from the Main Switches (Normal Supply) of each tenancy.</p> <p>Note: Label may be provided with half white / half yellow colour instead of full yellow colour shown here.</p>
<p>Warning (Service-side wiring)</p>	 <p>WARNING</p> <p>Solar wired on the line/service side of Tenancy Main Switches</p> <p>Follow Solar Shutdown Procedure, located on inverter(s), before working on meter panel</p>	<p>1</p>	<p>Only apply this label if the SolShare outputs have been terminated on the service side (line side) of the Main Switches (Normal Supply).</p> <p>Apply to the meter panel in a location clearly visible from all meters. If meters are dispersed, please ask Allume for additional Warning (service-side wiring) labels.</p>
<p>SolShare Maintenance Isolator (Inverter)</p>	 <p>SOLSHARE MAINTENANCE ISOLATOR (INVERTER)</p> <p>L1 L2 L3</p>	<p>1</p>	<p>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.</p>

LABELS PROVIDED IN ADDITIONAL SOUTH AUSTRALIA LABEL PACK

Label	Drawing	Quantity per SolShare	Recommendations / information
Warning (Multiple supplies)	 <p>WARNING MULTIPLE SUPPLIES ISOLATE ALL SUPPLIES BEFORE WORKING ON REVENUE METER, SWITCHBOARD OR CIRCUIT</p>	15	<p>Mandatory in South Australia.</p> <p>Apply 1 label next to each meter, or for each meter panel as practical. Depending on how many SolShare outputs are used in the installation, some (but not all) of these labels may be applied.</p>
SolShare Inverter Supplies	<p><i>Tie-on labels</i></p>	15	<p>Mandatory in South Australia.</p> <p>Apply to each SolShare output cable on the switchboard end.</p> <p>Write the corresponding SolShare output (e.g. L1-1, L2-3, L3-4) on each label.</p>
Warning (Do not remove CTs)	 <p>WARNING: DO NOT REMOVE SOLSHARE CURRENT TRANSFORMERS</p>	1	<p>Mandatory in South Australia.</p> <p>Apply label to the escutcheon panel which the CTs are located behind.</p>

LABELS ALREADY APPLIED TO THE SOLSHARE ENCLOSURE

Label	Drawing	Quantity per SolShare
SolShare Shutdown and Startup Procedure	<div data-bbox="1010 357 1491 660" style="border: 1px dashed black; padding: 5px;"> <p>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>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 data-bbox="1010 700 1491 975" style="border: 1px dashed black; padding: 5px; background-color: #ffff00;"> <p>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	<div data-bbox="1084 1016 1417 1315" style="border: 1px dashed black; padding: 5px; text-align: center;">  </div>	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)).