



Quoting Guidance – SolShare

Version A1

Introduction

This document serves as guidance for quoting a SolShare job when unfamiliar with the requirements for a shared solar installation with SolShare. This does not serve as training, and training completion is required before purchasing and installing SolShare.

This guide provides a summary, to help you understand what kit is required. For full design and installation guidelines, see our [Design and Installation Guide](#).

If you would like to become a certified SolShare installer (required for installation), please fill out our [PQQ form](#) to begin the process.

What's needed for a SolShare installation.

Item	Description
PV panels	PV panels will be required to satisfy the kWp needed for the project.
DC cabling & switchgear	This is the same as with a standard solar installation.
Inverter/s	SolShare is not an inverter, it takes the power from a 3-phase inverter and directs that to the flats. SolShare works with any 3-phase inverter so long as it is rated under 35A per phase. At least 1 inverter is needed per SolShare.
SolShare	<p>A single SolShare can serve up to 15 flats. Additional SolShares can be used for larger buildings with more flats. Price: £7500 (purchased through Midsummer).</p> <p>IMPORTANT: Each SolShare requires a dedicated inverter. IMPORTANT: A single SolShare cannot be connected to flats that are supplied from different DNO incomers.</p>
SolShare maintenance isolation	SolShare needs dedicated isolation from each flat. A lockable consumer unit (no bus bar) with a single pole MCB or isolation switch for each flat is required.
AC cabling	<p>SolShare only needs live cables to each flat (no neutral – SWA is not suitable for this reason).</p> <p>A single neutral and earth is connected to the SolShare from the MSDB or DNO cutout.</p>
CT extension	<p>SolShare comes with 15 CTs per unit, each with 10m long tails. If a CT tail needs to be extended, use 24 AWG shielded and twisted pair cable.</p> <p>IMPORTANT: Maximum CT extension length is 100m</p>
Solar Point of Connection	<p>The recommended method depends on the flat's energy meter location.</p> <p>Energy meters inside flats (sample SLD link): Solar point of connection through MCB in consumer unit and a rotary isolator to isolate consumer unit from solar.</p> <p>Energy meters outside flats (sample SLD link): 3-pole meter isolator recommended as solar point of connection</p>
Wi-Fi	SolShare requires a dedicated Wi-Fi connection for setup and troubleshooting (commissioning and fault monitoring). Factor in router and data costs if no building Wi-Fi is available.