

Allume Energy

Meet SolShare

SolShare is the world's only hardware for connecting multiple flats to a single rooftop solar system. It offers a simple and affordable method to improve the EPC ratings of every flat in the building while reducing the electricity bills for the households living within them.

SolShare benefits

- Qualifies for SAP 10 PV credits, typically gaining 5 – 15 points per flat.
- Tailorable kWp allocation to achieve EPC goals.
- Reduces every household's electricity bill.
- Monitors all energy data, which can be shared under GDPR rules.
- Applicable for government funding, including SHDF, ECO4, ORP, LLDC, & SHNZHE.

For more information, please contact

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Below you can see a typical SolShare installation.

Each SolShare is paired with an inverter, in this case, a 20 kW Fronius Symo. With 15 outputs per SolShare, this installation can connect to up to 30 flats.



SolShare Case Study

RETROFIT - WALES & WEST HA - ORP

ADDRESS Pendwyallt Rd, Cardiff	
NUMBER OF FLATS 24	

System Details	kWp per flat	Price per flat
<ul style="list-style-type: none">. 2 x SolShares connected to 24 flats. Communal batteries to all 24 flats	2.6 kWp of solar + 3 kWh of battery capacity per flat	£6,500 (total solar system price + batteries)

Client Brief

The client’s brief was to connect all 24 flats to rooftop solar PV and battery storage. The initial proposal was to connect an individual solar system and battery to each flat. The space requirements for 24 inverters and 24 batteries left the attic as the only place to house the equipment. This was deemed inappropriate by the client and the project ground to a halt.

Upon discovering the SolShare, the solution was able to be dramatically simplified to two inverters, two batteries and two SolShares connected to each flat. The reduction in hardware enabled the equipment to be installed next to the meter room on the ground floor, green lighting the project. The simplification also reduced the project costs by 25%.

IMPACT IN NUMBERS

15 SAP points	60-70% grid energy reduction	12 tonnes of CO2 avoided
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“The SolShare system seems to be a much fairer solution as the energy generated by the building can be shared equally to help our residents to keep their electricity costs down rather than going back to the grid.”

- Joanna Davoile, Executive Director (Assets) at Wales & West Housing

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