

What is a solshare system?

Introduction to the SolShare System The SolShare distributes the power generated from a single solar energy system to up to ten participating tenants. This enables connected tenants to benefit from the full current generation of the solar system. The SolShare operates as a power division control system.

How does solshare work?

SolShare takes the power generated from a single rooftop PV array and directs it to multiple flats within the same building. This behind-the-meter solution make solar for flats possible. By connecting behind-the-meter, it delivers energy directly to each household.

What are the components of a solshare system?

The Solshare system comprises several technical components: **Solar Panels:** Photovoltaic (PV) panels that generate DC electricity from sunlight. **Inverter:** Converts DC electricity from the solar panels into AC electricity suitable for household use.

What are the key features of solshare technology?

Solshare technology boasts several key features and components: **Dynamic Energy Allocation:** Solshare distributes solar energy to connected units based on their consumption patterns. **Scalability:** The system can be scaled to accommodate different building sizes and it's energy needs.

Can solshare be installed across all UK networks?

All UK Distribution Network Operators (DNOs) and the Energy Networks Association (ENA) have reviewed and accepted SolShare for installation across all UK networks. Note: As SolShare is not a power generating device (PV inverter) it cannot and does not need to be 'type test' certified.

What is a solshare solar inverter?

SolShare is an AC input to AC output device. It takes the AC output of a solar inverter and distributes it to individual grid fed (and metered) loads. SolShare accepts a three-phase AC supply and distributes each of the three-phase inputs to five outputs, for a total of 15 output connections.

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Allume Energy's SolShare technology can match a shared solar system's output to the energy use of individual apartments. ... Alternatively, landlords can charge a modest monthly access fee to use the SolShare system and turn it into an additional revenue stream. Note that there have been efforts at the federal level to promote the use of ...

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Discover how SolShare by Allume is making solar power accessible for strata properties. Learn how this innovative technology helps multi-occupancy buildings reduce energy bills and increase solar self-consumption. ... For a system shared by around 15 units, the cost comes in at around \$2,500 to \$4,000 per unit. This includes the solar panels ...

Press release - Los Angeles, CA, April 18th, 2023 Allume Energy today announced the successful deployment of its initial U.S. shared solar energy technology and plans to bring its SolShare solution to all apartments, in particular within low-to-moderate income (LMI) communities across the U.S. By allowing multi-family buildings, including renters, to access the ...

Information on how to design a SolShare system can be found by requesting Allume's SolShare System & SLD Design Rules document. Learn More. A title. Image Box text. General Specifications; Parameter Value; Dimensions: 920*485*270mm(H*W*D) Weight: 38kg: Max Number of connections per unit:

Increase SAP (Standard Assessment Procedure) scores and EPC ratings, tackle fuel poverty, and lower carbon emissions with our solar sharing technology, SolShare. The most cost-efficient & ...

Using this information, the SolShare will direct solar energy to the apartments in relation to how large their load is at any specific time. This optimised sharing means that the on-site solar usage is 30-35% higher than an individual system, limiting the amount of solar that is not used. The SolShare is the most efficient system to maximise the

The SolShare unit is installed between the inverter and each participating multifamily unit's feeder tap. The SolShare receives the output of any single phase, 240V solar inverter and provides that power to each connected meter's unit. This interconnection is made as a load-side tap on each unit's feeder conductors at a central location,

Increase SAP points & EPC branding with SolShare, the world's only technology for connecting multiple flats to a single rooftop solar system. ... 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 ...

The solar energy from the building's solar system enters the SolShare unit, a hardware device that divides the energy based on the building's current demand. Fair Division Among Tenants. SolShare uses a dynamic sharing algorithm to distribute the energy fairly among tenants over a month. The distribution can be equal or vary according to each ...

SolShare is a hardware and software solution that physically splits the energy from a rooftop solar system and divides it between multiple dwellings. Watch Video. ... This is achieved by creating the ability for a single solar energy ...

Dhaka In partnership with SOLshare, the British High Commission installed a 15.93 kilowatt-per-hour grid-tied rooftop solar project for its office in an attempt to move to renewable energy and reduce carbon emissions. The solar power generated will be offset against the High Commission's electricity consumption from the grid.

SOLSHARE SYSTEM DESIGN . There are certain criteria that should be kept to when designing SolShare systems. All referenced documents (including the most upto- -date version of this document) can be found on . Allume"s website. **A. POWER INPUT** The SolShare power input is three-phase. Any three-phase supply can be used, including multiple

+44 20 8156 0131 | 125 Wood Street, London EC2V 7AW, UK | 3 / 8 E. **SOLAR POINT OF SUPPLY (POS)**
The SolShare outputs should be connected directly downstream from the flat"s Meter Isolator and upstream from the Apartment Main Switch. Where possible, it is recommended that a three-pole breaker be used to combine the Meter Isolator

SOLshare is currently developing a dynamic pricing scheme which will make the grid more efficient but also help in case the before-mentioned hypothesis does not hold true. Apart from that, SOLshare is a pioneer for the energy future combined with strong social impact that has attracted substantial attention on international fora.

Web: <https://gmchrzaszcz.pl>