



SolShare 2

Datasheet

SOLSHARE-2.0-UKIE 



Classed as a direct PV connection for SAP & EPC



Tailorable kWp allocation for each flat



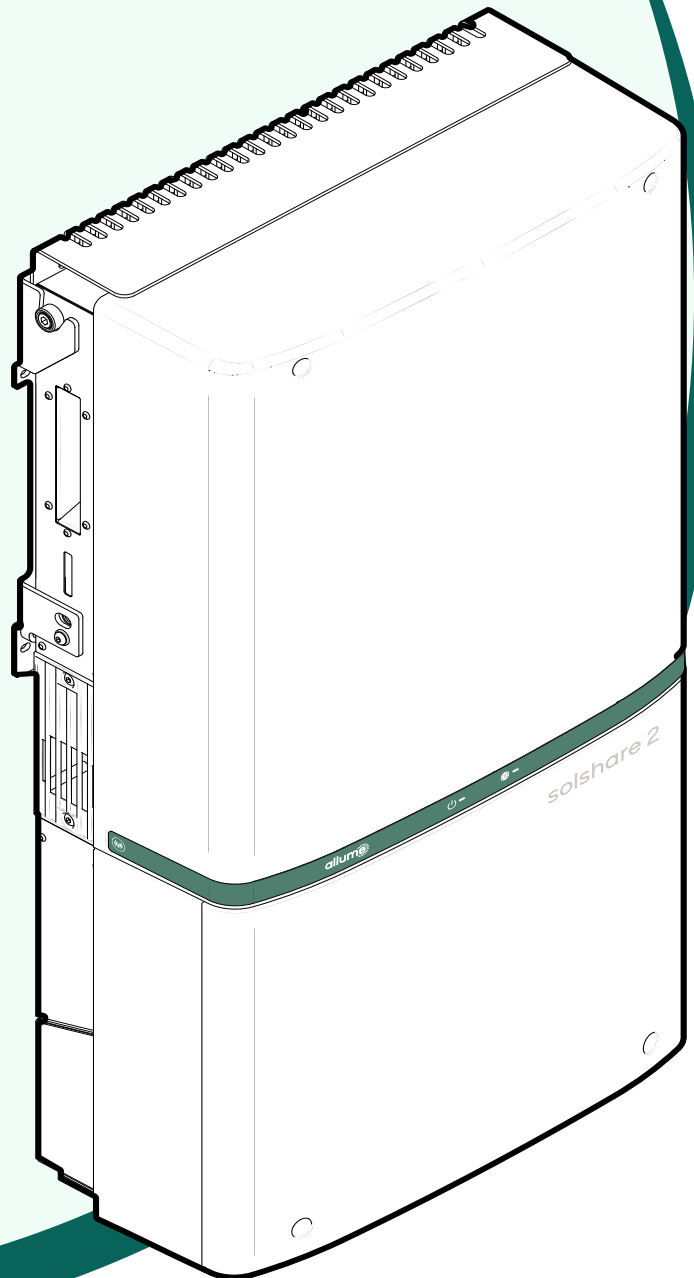
Automated SolCentre energy data reports



Remote fault and underperformance alerts



Ofgem certified innovation measure



Allume's SolShare unlocks solar for people living in flats, by enabling energy from a single rooftop solar system to be shared between multiple flats.

This world-first, behind-the-meter technology is a Power Generating Module Sharing System that sits in between the inverter and the flats' grid supply, requiring no change to meter infrastructure. Classed as a direct connection of solar PV to each flat, SolShare's embedded software controls solar allocation and maximises overall solar consumption for the building.

Each SolShare unit can supply solar to up to 15 flats and the solution is modular, enabling multiple

SolShares to be installed on buildings of more than 15 flats.

Allume's technical support team provides training on SolShare installations, including design, quoting, installation, commissioning and maintenance. You can find the most up-to-date versions of SolShare technical documentation at:

<https://allumeenergy.com/uk/resource-library-uk/>

Technical information

General data	
Dimensions (H x W x D)	880 x 480 x 235 mm
Weight	41 kg
Degree of protection	IP65 (suitable for indoor and outdoor installation)
Operating temperature range	-40 to +50°C
Relative humidity range	4-100%
Maximum altitude	2000m
Internet communication options	Ethernet (wired), Wi-Fi (wireless 2.4GHz only)
SolShare shall provide only a supplementary supply to connected outputs (flats and landlord). SolShare is not suitable for providing other functionality, such as backup.	
Electrical	
Rated voltage (line to neutral)	230 VAC
Voltage range (line to neutral)	216 – 253 VAC
Voltage drop (at nominal current at 25°C)	2.3 V
Frequency range	47-53 Hz
Input	
Type	Three-phase AC
Rated max. power	30 kVA (10 kVA per phase)
Max. current per phase	50.9 A
Rated current per phase (at 230V)	43.5 A
Output	
Type	15 x single phase or 5 x three-phase (or combination)
Rated total power	30 kVA (10 kVA per phase)
Max current per phase	50.9 A

Standards and compliance

CE Mark	Certified
Electromagnetic Compatibility (EMC)	EN 61000, EN 55032, EN 301 489

Accessories

15 x current transformers (10 metre cable lengths)
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Warranty

10 year manufacturer's warranty - further information provided at https://info.allumeenergy.com/hubfs/UK/0822_SolShare_Warranty_UK.pdf .
