







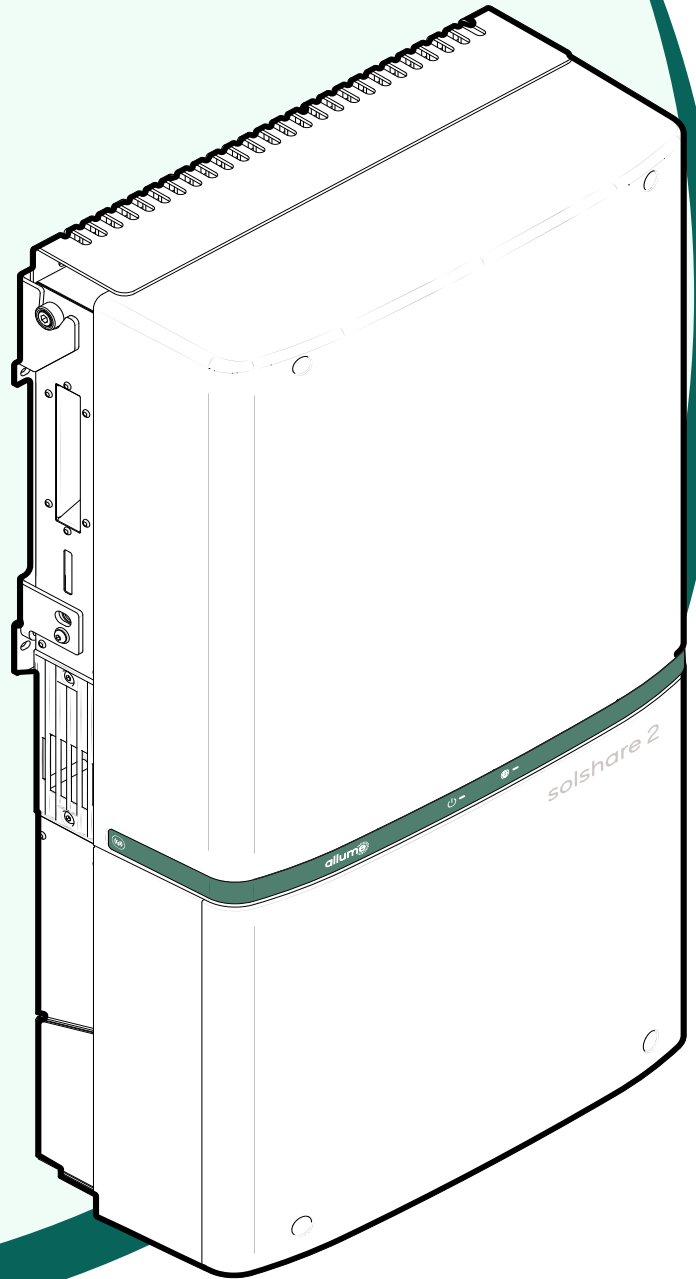


SolShare 2

Datasheet

SOLSHARE-2.0-ANZ 

-  Smart and dynamic solar sharing
-  Suitable for use with any three-phase inverter (up to 30kVA)
-  Ethernet: plug and play connectivity
-  Monitoring capabilities for every resident
-  Battery integration options
-  Made in Australia



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

This world-first, behind-the-meter technology is an inverter power sharing device (IPSD) that sits in between the inverter and the main switchboard, requiring no change to smart meter infrastructure. 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 tenancies and the solution is modular, enabling multiple

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

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

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

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 tenancy connections. SolShare is not suitable for providing other functionality, such as backup.	

Electrical	
Rated voltage (line to neutral)	230VAC
Voltage range (line to neutral)	216 - 253VAC
Voltage drop (at nominal current at 25°C)	2.3V
Frequency range	47-53Hz
Input	
Type	Three-phase AC
Rated max. power	30kVA (10kVA per phase)
Max. current per phase	50.9A
Rated current per phase (at 230V)	43.5A
Output	
Type	15 x single phase or 5 x three-phase (or combination)
Rated total power	30kVA (10kVA per phase)
Max current per phase	50.9A

Standards and compliance

Regulatory Compliance Mark (RCM)	AS/NZS3820:2020
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/ANZ/0969-ManufacturersWarranty-AUNZ.pdf .
