



# SolShare 35 Product Datasheet

Allume's SolShare technology enables the solar power generated from a single system to be distributed across multiple grid connected units like those in apartment buildings and shopping centres.

The SolShare 35 has a capacity of 35A AC making it primarily suitable for residential sites in Australia and the EU.

A SolShare 100 version is available for higher demand applications including commercial buildings in Australia and the EU.

The behind-the-meter solution requires no change to smart meter infrastructure and is intuitively designed to make the installation process as simple as possible for solar installers.

The SolShare unit is placed between the inverter and the main switchboard. Receiving one 3-phase AC input from the inverter and outputting up to 15 single-phase or 5 three-phase AC outputs. Outputs are wired on the load side of each unit's main switch, at the building's common main switchboard.



Complete solar & usage monitoring



Integrated billing for Power Purchase Agreements



Over the air firmware updates



35A & 100A (per phase) models are available



Suitable for AUS & EU voltage & frequency

# Technical Data

## General Specifications

Parameter	Value
Dimensions	920 x 485 x 270 mm (H x W x D)
Max number of connections per unit	15 single-phase or 5 three-phase (or a combination)
Operating temperature range	-10 – 60°C
Metering accuracy	± 0.5%

## Electrical Specifications

Parameter	Value (at 25°C)
Max nominal current (per phase)	35 A
Voltage range (phase to neutral)	100 – 260 VAC
Voltage Drop (I is nominal current)	2.8 V
Mains frequency range	50 – 60 Hz
Overcurrent rating	30 kA
Max input at 230V (recommended)	25 kW
Max input at 120V (recommended)	12 kW

## Test Certification

Test	Test House
Anti-islanding certification	TÜV Rheinland
Fault scenario certification	TÜV Rheinland

## Installation Requirements

1. Input must come from a three-phase, grid connected inverter
2. Output Connections:
  - 6 or more single-phase outputs
  - 2 or more three-phase outputs
3. Ganged smart meters and main switches
4. Cable access between SolShare unit and central main switchboard
5. Installation must be carried out by a licensed electrician

### Contact details

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