

PVDC Duo

Single Phase Import Export Meter



A simple single connection centre for measuring energy generated, exported and consumed from a micro generation installation.

The PVDC Duo dual billing meter is designed to provide a simple connection point to measure the energy generated, exported and consumed from micro generation systems.

Dual meters give the ability to measure exported energy to the grid, imported energy from the grid and local energy generated. With this data the system can calculate the amount of energy consumed by the premises that is supplied from the local micro generation system

This is especially useful for free to fit schemes, councils, and social housing providers that wish to bill the occupier for generated electricity whilst still allowing the system owner to claim the FiT.

Potentially helping to provide a solution to reduce the carbon footprint of the premises while providing cheaper electricity to the occupier, helping to reduce fuel bills.

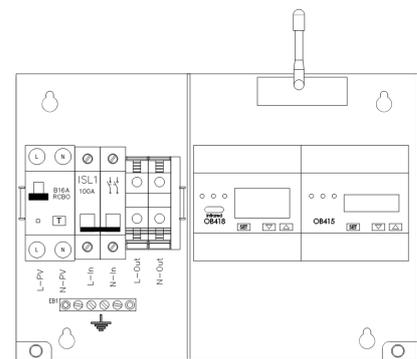
With both meters having MID approval to annex B and D, data is sent via a fully roaming GSM modem to a central data server where individual or multiple homes can be viewed and indeed billed safely and securely online

The PVDC Duo is BS7671 amendment 3 compliant, and complete with a 100amp isolator with additional terminations for tails in tails out connection, dedicated PV supply double pole RCBO or MCB the PVDC Duo provides a simple to install fully compliant solution all in 1 box.



Product Features

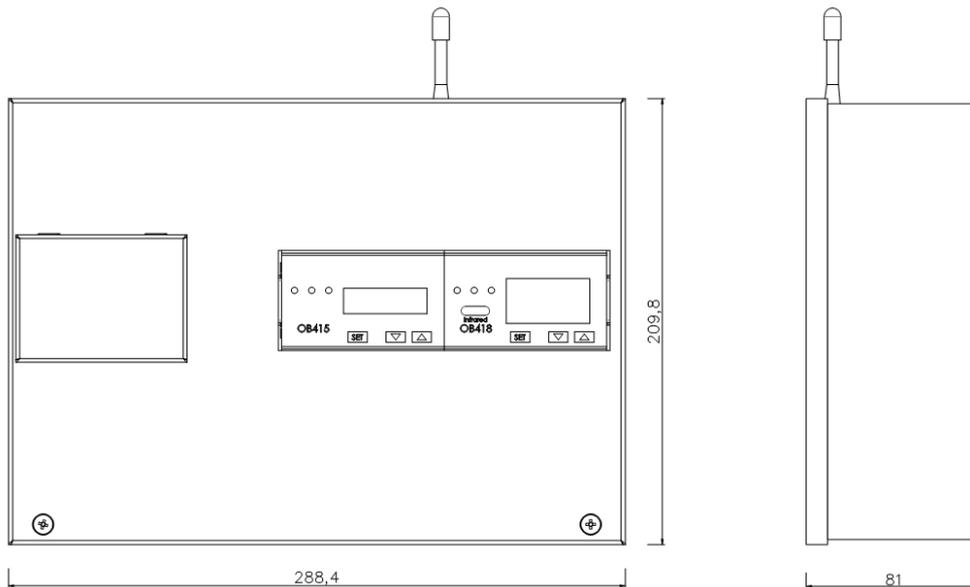
- BS:7671 amendment 3 compliant
- MID approval to annexe B and D
- 100amp mains isolator
- 35mm² terminations for tails in tails out connection
- Dedicated PV supply double pole RCBO or MCB.
- 5 years Parts Warranty
- Designed and Built Solely in the UK



...Simplifying PV connection



Dimensions and Specifications



Description	PVDC Duo Single Phase Import Export Meter
Input Volts	Single Phase 230V 50Hz
Max Load	100amps
Micro Generation Connection	16amps Single Phase 230V 50Hz
Cable Entry Facility	Bottom 2 x 32mm, 1 x 20mm Diameter
Terminal Capacity	Incoming Live = 35.0mm ² Outgoing Live = 35.0mm ² Incoming Neutral = 35.0mm ² Outgoing Neutral = 35.0mm ²
Dimensions	288.4mm x 209.8mm x 81mm
Weight	Approximately 3kG
Enclosure	Mild Steel Powder Coated
Ingress Protection	IP20
Warranty	The matt:e PVDC Duo is guaranteed for a period of 5 years from the date of purchase. This warranty is limited to the replacement of faulty components only.