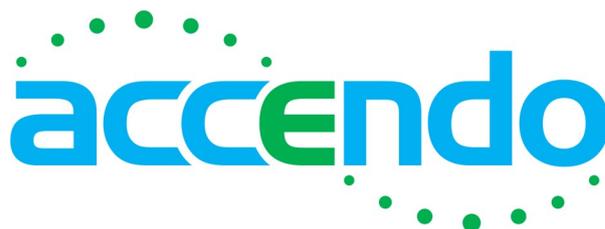


# B100

Single Phase Voltage Optimiser



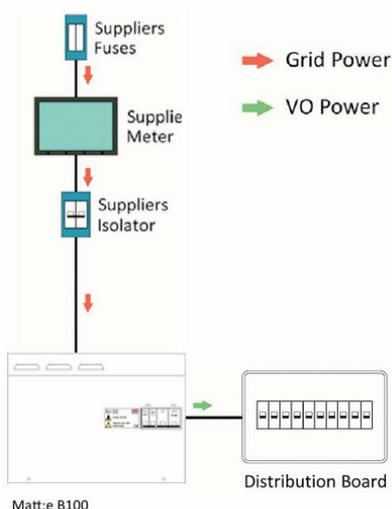
The Accendo B100 single phase voltage optimisation unit offers a simple fit and forget energy saving solution and provides genuine energy savings of up to 14%\*

## How does it help?

Electrical appliances manufactured for UK and Europe are rated at 230 volts, however the average house is supplied with 242 volts. This is additional power we simply do not need. Reducing the voltage for the majority of appliances closer to the designed voltage leads to:

- Lower energy consumption
- Reduced carbon emissions
- Extended lifespan of electrical appliances
- Lower operating temperatures

Fully rated at 100amps, the unit is suitable for the majority of large domestic and light commercial installations. Handling a little over 23kW it's the simple way to reduce your power bill.



The accendo B100 has a very small footprint and is the most compact fully rated unit available in the market.

The b100 does not suffer any issues experienced by many competitor units and it carries a 5 year manufacturer warranty.

With a super efficient British made low loss toroidal transformer, the B100 is the go to solution for those looking to retro fit to an existing PV system or as a standalone voltage management solution.

## Product Features

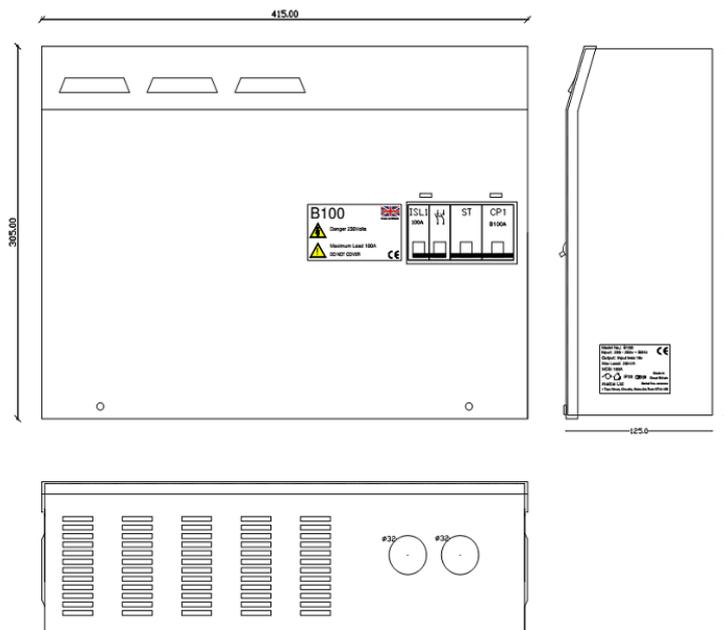
- Fully rated highly efficient low loss Toroidal transformer
- Designed and built in the UK
- Standard 5 year parts warranty
- Over current protection
- Over temperature protection
- Non invasive, low maintenance requirement.
- Has no moving parts or forced cooling.



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# Dimensions and Specifications



Description	Accendo B100 single phase voltage optimiser
Input Volts	Nominal input voltage 235-253v, 50Hz, Single Phase AC
Output Volts	Nominal input less 15V
Current (Amps)	100 Amps continuous
Weight	Approximately 60kg
Operating Temperature	-5°C to +40°C
Terminal Capacity	Incoming Live = 35.0mm <sup>2</sup> Outgoing Live = 35.0mm <sup>2</sup> Incoming Neutral = 35.0mm <sup>2</sup> Outgoing Neutral = 35.0mm <sup>2</sup>
Enclosure	Mild Steel Powder Coated
Ingress Protection	IP20
Warranty	The accendo B3 100 voltage optimisation unit is guaranteed for a period of 5 years from the date of purchase. This warranty is limited to the replacement of faulty components only.

