

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?

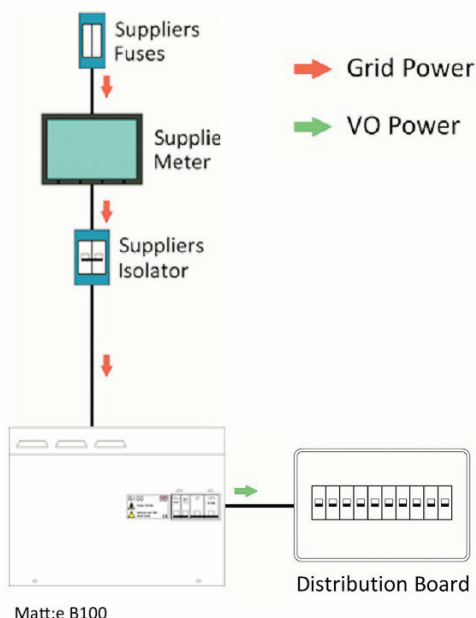
Electrical appliances manufactured for the UK and Europe are rated at 230 volts, however the average house is supplied with 242 volts. This is additional power we simply do not need.

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 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 currently 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

- Simple Fit and Forget energy saving solution providing genuine energy savings of up to 14%*
- Over current protection
- Over temperature protection
- Efficient Toroidal transformer technology
- 60amp continuous operation
- Cool running through natural air movement so negates the requirement for additional moving parts i.e. fans
- Over four years development and testing
- Designed and built in Great Britain

* savings are dependant on individual circumstances and may be higher or lower than those stated.



Specifications

Description	matt:e B100 Voltage Optimisation Unit
Input (Volts)	Nominal input voltage 232 – 253v, 50Hz, Single Phase AC
Output (Volts)	Nominal input voltage less 15v
Current (Amps)	100 Amps continuous
Weight	Approximately 18.0 kgs
Operating Temperature	-5°C to +40°C
Terminal Capacity	Incoming Live = 35.0mm ² Outgoing Live = 35.0mm ² Incoming Neutral = 35.0mm ² Outgoing Neutral = 35.0mm ²
Miniature Circuit Breaker	100 Amp 6kA Type B to BS EN 60898
Enclosure	Mild Steel Powder Coated
Ingress Protection	IP20
Cable Entry Facility	Bottom – 2 x 32mm Diameter
Standards	MCBs to BS EN 60898
Document Revision	V1.1 Jan 2016
Warranty	The B100 Voltage Optimisation Unit is guaranteed for a period of 12 months from the date of purchase. To extend this warranty to 5 years record the serial number of the unit on the enclosed Warranty Card and return it with proof of purchase to info@matt-e.co.uk

This warranty is limited to the replacement of faulty components only.

