

B60 PVM

Single Phase Voltage Optimiser
with Built In Generation Meter
and Dedicated PV Supply RCBO



The Accendo B 60 PVM single phase voltage optimisation unit from matt:e is the only unit specifically designed to allow direct connection of a PV system into a VO unit in a fully compliant way.

With built in dedicated 16 amp PV supply double pole RCBO and MID approved generation meter, the B 60 PVM offers a single connection point when combining the two technologies, saving cost, space and time during installation and reducing fit error rate.

Because the energy generated from your PV system is precious we understand you want to make the best use of your power. Every kW you don't use means more of your electrical requirement is being met by your solar system and less power you need to draw from the grid to supplement your electrical demand.

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 towards actual designed voltage can lead to:

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

Rated at 60amps the unit is suitable for the majority of domestic and light commercial installations.

With your B60 PVM unit working day and night you will use less power even when the sun isn't shining, and installed with a PV system could reduce your payback by 3 years putting you in profit far sooner!



Product Features

- Built in dedicated PV supply double pole RCBO
- MID approved generation meter
- 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, 70 amps for 30 minutes.
- Cool running through natural air movement so negates the requirement for additional moving parts i.e. fans
- Over four years development and testing of all design functionality
- Designed and built solely in Great Britain

... Simplifying pv connection



Unit 1C Neander Lichfield Road Industrial Estate Tamworth B79 7XA



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Specifications

Description	B60 PVM Domestic Voltage Optimisation Unit
Input (Volts)	Nominal input voltage 235 – 253v, 50Hz, Single Phase AC
Output (Volts)	Nominal input voltage less 18v
Max Load	14kW
Dimensions	364mm x 235mm x 100mm
Weight	Approximately 10.0 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	63 Amp 6kA Type B to BS EN 60898
Enclosure	Mild Steel Powder Coated
Ingress Protection	IP20
Cable Entry Facility	Bottom – 2 x 32mm, 1 x 20mm Diameter
Standards	MCBs to BS EN 60898
Document Revision	v2.0 Sept 2014
Warranty	The B60 PVM voltage optimisation units is guaranteed for a period of 5 years from date of purchase. This warranty is limited to the replacement of faulty components only.

