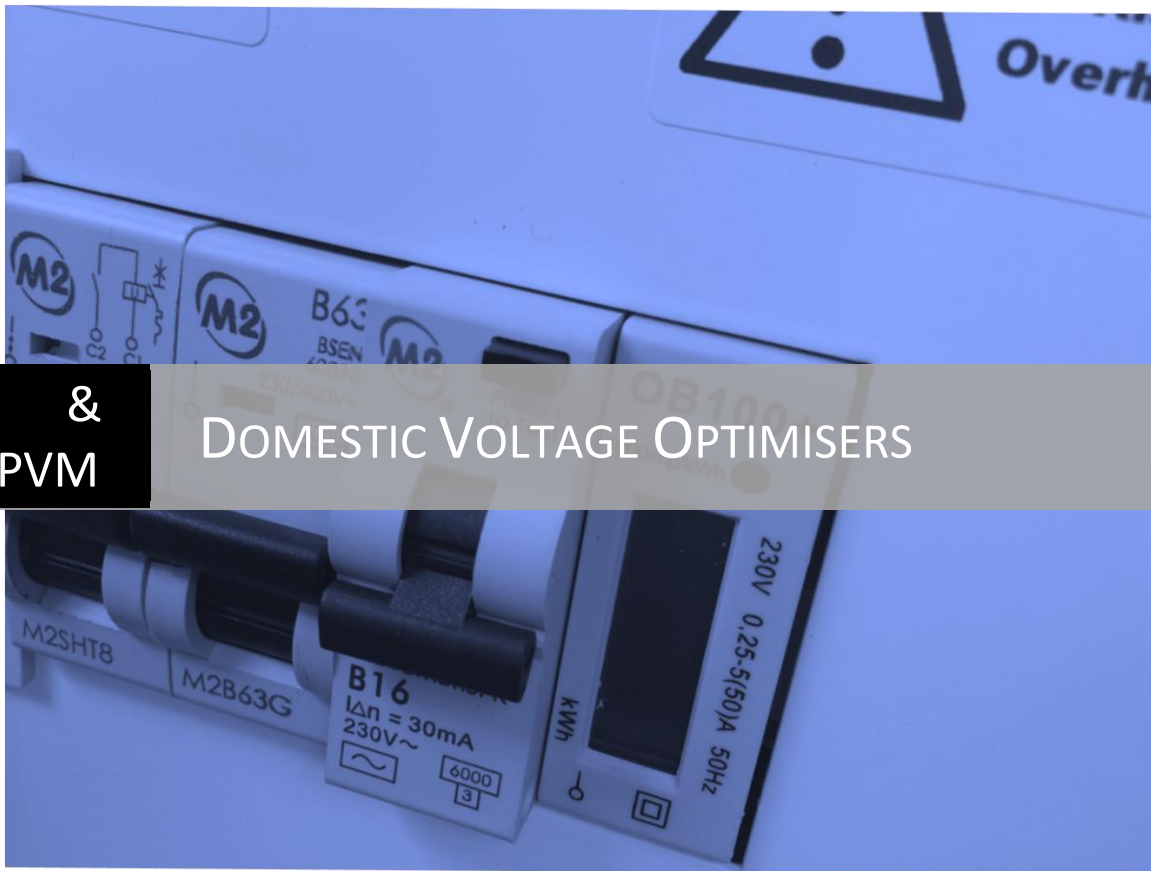


**B60 &
B60PVM**

DOMESTIC VOLTAGE OPTIMISERS



Why do I need a **matt:e** B60 ?

Because the UK grid supplies a voltage invariably higher than we require - This causes us to consume around 10% more electricity than is necessary and can dramatically shorten the useful operating lives of our appliances.

The B60 has a very small footprint and is currently the most compact fully rated 60amp unit available in the market.

With no delicate switching mechanisms the B60 does not suffer any issues experienced by many competitor units.

A super efficient British made low loss toroidal transformer makes the B60 truly ground breaking and it is viewed by many Electricians and Specifiers alike as the most durable and reliable unit available in the UK. The unit benefits from both over current and thermal core protection making our "B" series units inherently safe.



Uniquely all **matt:e "B" series units comply to all the latest BS7671-Standards on enclosures and isolators.**

A B60 will extend the life of all of your appliances by providing a voltage that more closely matches the designed voltage requirement for all your appliances. - which means lower replacement and maintenance costs and reduced household bills.

It is the go-to solution for those looking to retrofit voltage optimisation to existing PV or as a standalone voltage management solution to those without a south facing aspect!

Why do I need a **matt:e** B60PVM ?

The B60 PVM is the only unit specifically designed to allow direct connection of a PV system into a VO unit in a fully compliant way.

Its design simplifies the installation by removing the need for a 1 way consumer unit and it features a "built in MID/FIT approved generation meter."

Because the Energy your PV system generates is precious - we understand you want to make best use of your power.

Every kilowatt you don't use means more of your electrical requirement is being met by your solar system and the less power you need to draw from the grid to supplement your electrical power demand.

Your B60PVM works day and night and you will use less power even when the sun is not shining.

Your B60PVM will extend the life of all of your appliances by providing a voltage that more closely matches the designed voltage requirement for all your appliances. - which means lower maintenance and energy costs.

A **matt:e** Voltage Optimiser could reduce your payback period by up to **3** years -putting you in profit far sooner !

All **matt:e** "B" units have a **5** year manufacturer warranty and are built to last over 25 years as a maintenance free solution.

It is British designed and built by Electricians to be the choice of professionals who care about delivering safe, durable and efficient solutions to customers.

We believe the B60 PVM sets the standard for all others to follow. The B60PVM turns PV into Super PV -

If you like the idea of PV you'll love it with the B60 PVM integrated!



Commercial 3 phase Units.



Available in 100/200/300/400 Amps Options.



Features/Benefits and Options,

Our Standard Unit comes c/w MCB for over temperature & over current protection at unit rating. We try to give you all the flexibility you need to incorporate any relevant functions and to keep basic unit cost down - You can bolt-on the functionality you need to build a bespoke unit that best meets your requirement.

- All units are made to order and will be specified according to your sites survey which will be carried out by an approved [matt:e](#) installation partner.
- 3 tapping options according to power survey/logging at 15/20/25v subtractive.
- British Hand wound super efficient Torroid Transformers.
- Additional options include inbuilt power divert with either auto or manual control and /or undervoltage protection.

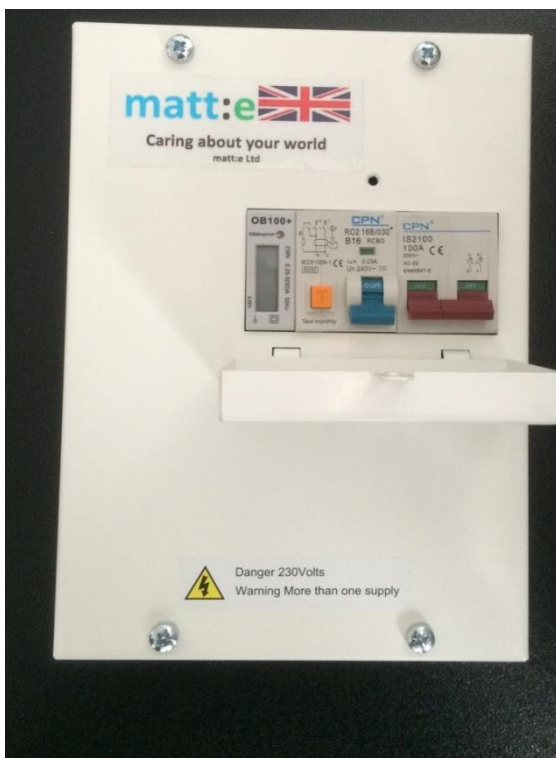
Fully integrated billing and power quality monitoring system available with full power and billing verification capability. (The price of this will vary according to your preferred communication platform and data hosting choice).

ALL UNITS CARRY A 5 YEAR WARRANTY ON Transformers and Switchgear .

The PV Connection Centre

The PV connection centre is the perfect way to compliantly, efficiently and neatly integrate PV into a domestic supply if you are not using a the B60PVM !

With a Mid/Fit approved generation meter built in and a 16Amp RCBO with test facility - the PV Connection Centre has to be the electricians first choice by saving up to 90mins on installation - reducing the number of terminations needing to be made.



Using the PV Connection Centre means you do not have to connect into the customers distribution board - simply run the cable tails out from the board and connect into the PV Connection Centre.

Once installed you have an independent means of safe household mains and generation isolation - so no more waiting for the supply companies to isolate supplies for you!!!