

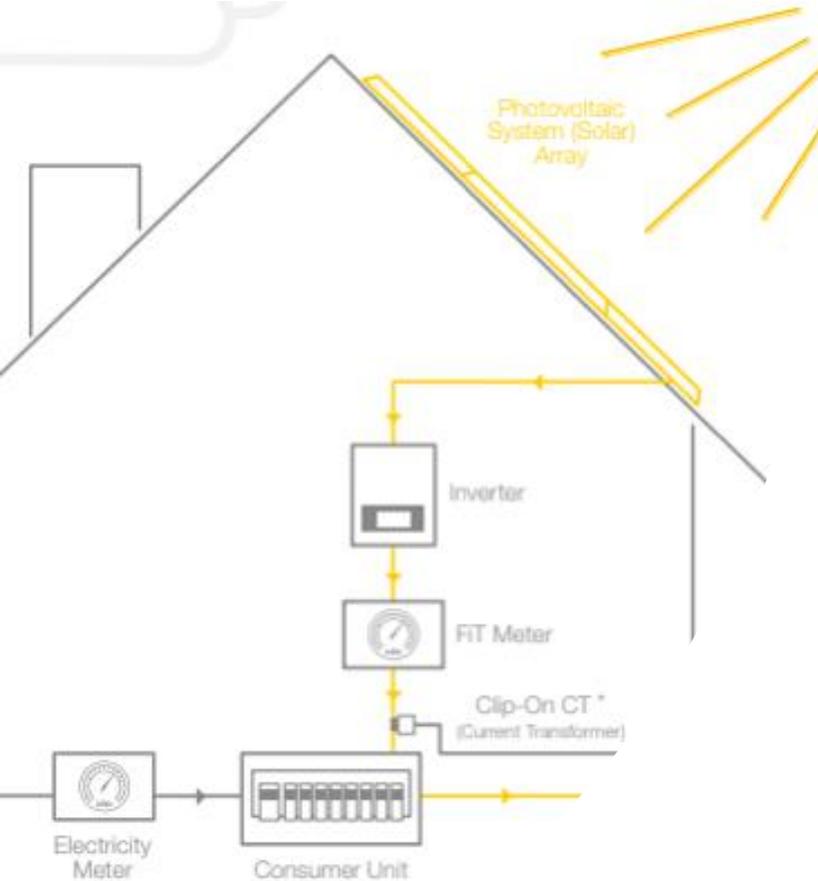


INTEGRATED LOGIC

Solar Powered Electric Vehicle Charging Unit

Case Study

"We have always tried to embrace the latest sustainable trends and this solar powered electric charging unit is the perfect fit. We were thoroughly impressed with the service and knowledge Integrated Logic provided and have recommended them to many of our friends who have been impressed with the product after seeing it in action." Sarah Anderson, the client.



Project Type: Residential

Location: Epsom, Surrey

Services: Rolec Electric Vehicle Charging Units

The Brief in Brief:

With growing opportunities and uses in the world of solar energy, many more homeowners are having solar panels installed onto their property. The latest trend is to use solar energy to power residential and commercial electric vehicle charging units. We were recently approached to install such a unit with the requirement of reducing the homeowner's energy costs and carbon footprint, whilst also future-proofing their homes for the use of electric cars.

Our Solution:

To meet the client's brief, our team installed the leading domestic ROLEC WALLPOD:EV SolarCharge unit on their property and carried out the electrical works to connect it to the solar panels and grid supply. We recommended this product to our client for its reliability and flexible charging options. There are three charging modes for this unit which can be controlled at the flick of a switch.

The first being a solar mode which monitors and tracks the power being generated by the homes solar energy, and limits the charge provided to the electric vehicle matching exactly the amount of power produced by the panels. The second uses both the solar energy and the grid. It monitors and tracks the solar power being generated and then tops up charging power to the maximum load from the grid. Lastly, there is also the option to power the unit directly off the grid for those that haven't yet installed solar panels.

The End Result:

The homeowners were delighted with both the installation process and the exciting new product itself. The live digital display of the product also allows them to monitor their total energy levels consumed from the sun and the grid and has significantly reduced their energy costs and carbon footprint.