



Solar PV Installers Course



Course Aim

The renewable energy market is growing fast. If you want to get ahead in this growing industry, then this Solar PV Course is the one for you. This course doesn't just cover the theory you will also get hands on experience of fitting solar PV equipment and is designed to provide the necessary skills for the design, installation, testing, commissioning, handover, servicing and fault finding of solar photovoltaic systems.



Who Should Attend?

This course is ideal for electricians and domestic installers looking to up skill and provide services to the growing renewable energy sector. If you are registered with a competent person scheme it will support your application to become MCS registered.

Delegates must have a good knowledge of the current edition of BS7671, and of inspection, testing and certification of electrical installations.



Certification

Upon successful completion of the course delegates will be awarded a certificate of competence.

Please note that you must bring photographic ID such as a passport or driving license with you in order to sit the assessments on this course.



Agenda

This course is focussed on UK based grid connected systems. During the classroom-based sessions you will cover the following:

- Photovoltaic Panels in context of Renewable Technologies
- How a Photovoltaic System Works – Principles and Components
- Design of a PV System
- Installation of a PV System
- Commissioning and Client Hand-Over
- Maintenance and Fault Finding
- On the last day of the course you will take your assessments. This will involve connecting up real solar panels to live inverters in our centre and ensuring they are all working correctly.

Key practical skills learnt and assessed will be:

- How to plan and prepare for installation
- How to install the roof array
- How to install cabling, inverter and AC supply
- Schedule of inspections
- PV array tests
- Commission the system including; electrical installation certs, schedule of test results, DNO notification, Handover system
- Fault finding and rectification

Safety / Value / Availability / Support