

Eco2solar have updated our latest Site Guide to reflect changes in legislation and ensure all our customers are fully informed about regulations surrounding solar PV installations. On the 27th September 2022, the **BS7671 Requirements for Electrical Installations Amendment 2** became fully effective.

This has an impact on the electrical infrastructure of new build sites with solar PV installations.

Sites shall now be contractually obliged to supply and install the following to allow the safe 2nd fix/Test & Commission of a “standard” solar PV installation: (**systems larger than 3.6kW are classified as non-standard and will require a bespoke electrical specification**)

Consumer Unit

- B16A Type A RCBO¹ on a Separate circuit.
- 6mm² Twin & Earth¹ AC supply cable.

Loft

- 2 vertical upright posts approx. 600mm apart. This will allow us to fix our pre-assembled fire-retardant board and inverter. Ensure that adequate ventilation has been provided around the inverter and compliant to the manufacture instructions.
- Install and fix a 2m working platform in loft to allow safe access and egress for both the installation and future maintenance of the system.

In addition, the **Electricity at Work Regulation 1989** regulation 15 states that you shall provide adequate working space, access and egress for the purposes of enabling injury to be prevented at all electrical equipment which may give rise to danger.

For more information on why these specifications are necessary and required, please refer to the Eco2solar Site Guide at:

<https://www.eco2solar.co.uk/eco2solar-pv-site-guide/>

Failure to meet the specification above will delay the completion of a plot, force a chargeable revisit, and void manufacturer warranty.

Please note that this supersedes any previous documentation that you may have received at the pre-start meeting or quotation and has been updated in line with the regulatory changes.

¹ In accordance with BS7671 AMD2, MCS Solar PV Systems & IET Code of Practice.