Condition 5 relating to solar panels

Inverter and battery to be located in the WC. Cable to run outside of building to map existing cables.

Battery specification:

Fox EC2900 size 474x708x193

Hybrid Inverter specification:

Fox 3.7 KW size 434x418x185

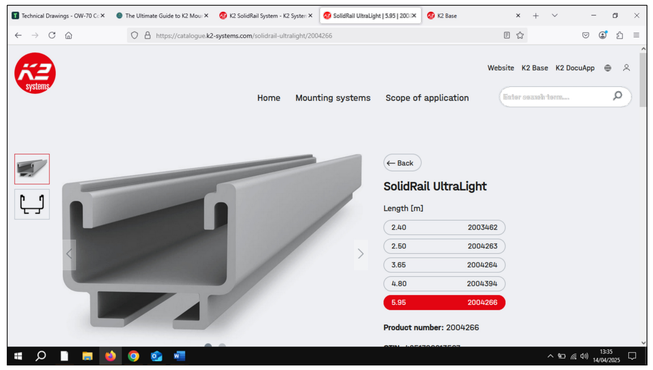
Solar panel specification:

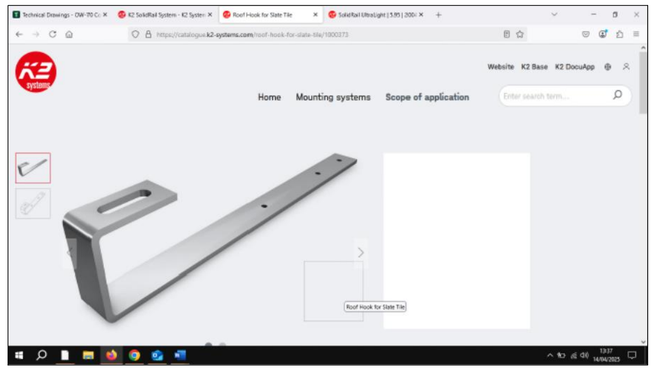
DMEGC Solar 450WP Full Black N-type Bifacial PV Module solar panel

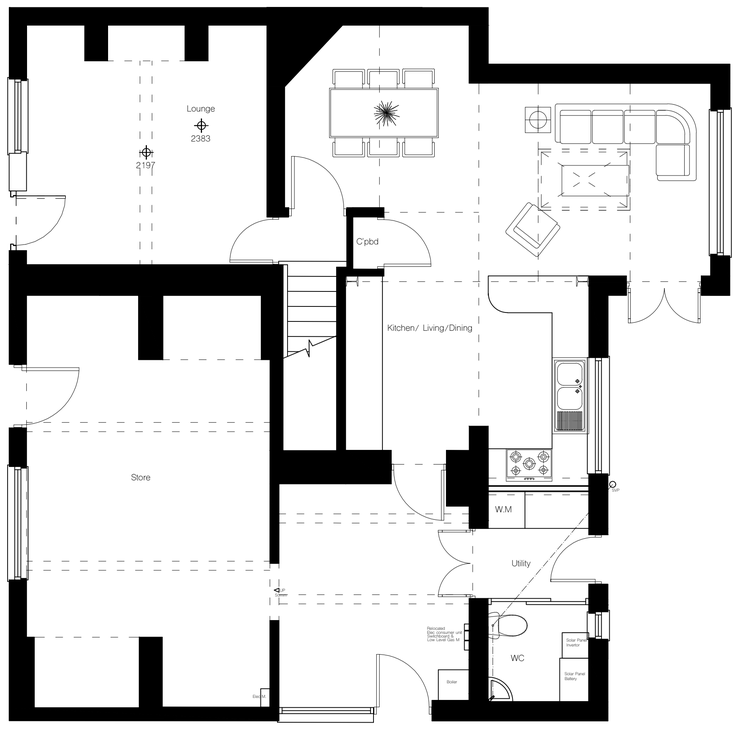
Technical specification:
Width1134mm STC Voltage at Maximum Power Vmp/V33.91STC Short Circuit Current Isc/A14.17STC Open Circuit Voltage Voc/V40.25STC Maximum power Pmax/W450STC Current at Maximum Power Imp/A13.27NMOT Voltage at Maximum Power Vmp/V31.68NMOT Short Circuit Current Isc/A11.41NMOT Open Circuit Voltage Voc/V38.13NMOT Maximum Power Pmax/W339NMOT Current at Maximum Power Imp/A10.73Module Efficiency Percentage22.5ModelDM450M10RT-B54HBBLength1762mmHeight30mmERP RatingNot ApplicableCertifications MetMCS: BABT 8586-272-450WSupplier Part NumberDM450M10RT-B54HBB

Panels to be attached to roof with K2 K rails:

K Rails Technical information.
High-quality materials: Aluminium and stainless steel for durability and corrosion resistance.
Flexibility: Solutions tailored to pitched roofs, flat roofs, and ground-mounted installations.
Ease of installation: Pre-assembled components and user-friendly design reduce installation time.
Engineering excellence: Systems are designed to handle UK weather conditions, ensuring stability in strong winds and heavy rainfall.







Ground Floor Plan illustrating Solar Panel battery & Invertor location

NOT FOR CONSTRUCTION

1:50
1m 0 1m 2m 3m 4m 5m

House Gecko Architectural Services LTD	3 The Old Smithy Overton, Wrexham LL13 0DY
07977 193837 | leanne@housegecko.co.uk	Drawing 08 | Solar panel information | Scale 1:50 @ A1
24/BRI01 | 25/05/2025 |	Internal reconfiguration, installation of replacement windows and doors, installation of roof lights and solar panels.

The Contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work starts. The Contractor is to comply in all respects with current Building Legislation, British Standard Specifications , Building Regulations, Construction (Design & Management) Regulations, Party Wall Act, etc. Whether or not specifically stated on this drawing. This drawing must be read with and checked against any structural, geotechnical or other specialist documentation provided. This drawing is not intended to show details of foundations, ground conditions or ground contaminants. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor. A suitable method of foundation should be provided allowing for existing ground conditions. Any suspect or fluid ground, contaminates on or within the ground, should be further investigated by a suitable expert. Any earthwork constructions shown indicate typical slopes for guidance only & should be further investigated by a suitable expert. Where existing trees are to be retained they should be subject to a full arboricultural inspection for safety. All trees are to be planted so as to ensure they are a minimum of 5 meters from buildings and 3 meters from drainage and services. A suitable method of foundation is to be provided to accommodate the proposed tree planting. House Gecko Architectural Services Ltd do not accept any responsibility for any losses (financial or otherwise) to any client or third party arising out of the clients (be it Developer or Contractor but not limited thereto) non-compliance with afore mentioned provisos. This drawing is the property of House Gecko Architectural Services Ltd and may not be copied or used for any purpose other than that for which it is supplied without the express written authority of House Gecko Architectural Services Ltd. NOT FOR CONSTRUCTION.