



GENERAL MAINTENANCE

Solar PV

BauderSOLAR Flat Roof System

BAUDERSOLAR MAINTENANCE

The BauderSOLAR array should be maintained by trained professionals at fixed intervals (it is recommended that an inspection is carried out annually.) The following points should be checked in the process:

- Dirt on the modules: Type and degree of dirt.
- Security of the anchoring system including fixings and safety pins
- Condition of electrical connections, isolators and inverter

Maintaining the solar PV modules

Module maintenance

Please follow module manufacturer's guidelines for specific maintenance requirements. If you are unsure regarding any aspect of maintenance, please contact the Bauder technical office to discuss requirements.

Module cleaning

Please note that cleaning the modules can increase yield. This particularly applies to dirt caused by fallen leaves or bird droppings, which could lead to partial shading. Yield decreases due to snow are negligible since these take place during seasons of lowest yield.

With the passage of time, dirt and dust may accumulate on the glass surface of the module, reducing the power output of the module. We recommend regular cleaning of modules to ensure maximum power output, especially in low rainfall areas.

Modules should be cleaned using warm water. All types of soft foam materials, non-woven fabrics, soft sponges and soft brushes may be used.

Please avoid using tools or other abrasive materials and abrasive chemicals and cleaning fluids.

Maintaining the electrical system

An annual inspection of isolators and inverters is recommended. A full electrical health check to inspect connectors etc should be undertaken every 2-3 years. As a minimum the following should be carried out:

- Functionality of the electrical connections, isolators and inverters
- Measurement of string voltage and currents

Maintaining the mounting system

The PV array should only be maintained by trained professionals at fixed intervals. A minimum of every 3 years is recommended. The following points should be checked in the process:

- Security of the anchoring system
- Integrity of the roof membrane.

Contractors Currently Approved to Maintain BauderSOLAR Systems

Energize ES

Unit 3,
76 Stephenson Way
Formby Business Park,
Liverpool, L37 8EG

01704
www.energizees.co.uk

Solar Sense

Helios House,
Brockley Lane,
Backwell,
Bristol, BS48 4AH

01275 461800
<http://www.solarsense-uk.com>

Pioneer Contracting

1 The Moorings,
Worsley,
Manchester, M28 2QE

0161 950 2873
www.pioneercontracting.co.uk

SAS Energy

Unit 9
Edenbridge Trading Centre
Hever Road
Edenbridge, TN8 5EA
01732 866731

www.sas-energy.co.uk

CJ Electrical

Unit 7 Edison Close,
Ipswich,
IP3 9GU

01473 276688
www.cjelectrical.co.uk/

Envirolec Smart Energy Solutions

Unit 2,
Hope Lane,
Eltham,
London, SE9 3TP

020 8090 0270
www.envirolec-ses.co.uk

Parker Technical Services

Head Office:
Tannochside Business Park,
4 Kilmartin Place,
Uddingston, G71 5PH

01698 381224
www.edwinjamesgroup.co.uk/businesses/ej-parker

Ren Energy

Woodbastwick Road,
Blofield Heath,
Norwich, NR13 4RR

01603 713448
www.renenergy.co.uk