JOJU SOLAR

39-41 North Road
London N7 9DP
T: 020 7697 1000
F: 020 7607 4439
E: info@joju.co.uk
www.jojusolar.co.uk

Recommended Maintenance Regime.

Overall, the solar installation requires very little routine maintenance. There are no mechanical moving parts so greatly reduced risk of wear.

Modules
The modules are supplied with a self-cleaning glass to minimise the accumulation of dirt on the surface. The cleanliness of the panels are expected to reduce in output by up to 1% per year. **Monitoring of the system output will show up if there are any issues.** Debris, such as fallen leaves, can have more of an impact on output, though the wind and rain should remove them promptly.

Chemicals should never be used on the modules. Cleaning of array should be done with a non-abrasive cloth, sponge or water hose (low pressure).

Considering the steep slope at this site, which aids cleaning, we would recommend a **5 yearly** clean. Access can be via scaffolding, cherry picker and harnesses or whatever is safe.

Inverters
The inverters require little routine maintenance. During daylight hours, a green light should be lit and the display indicating the power generated. A flashing green light means the panel output is too low to justify the function of the inverter, usually as a result of low light conditions. A recent power cut will cause the indicator to flash orange. A red light requires attention and Joju Solar should be contacted. We recommend a fully trained electrician with experience of PV systems (from Joju Solar or another PV install company) checks the system over **every 5 years**.

The inverters weigh 21.9kg each so appropriate manual handling considerations should be considered here.

Electrical System
We recommend a fully trained electrician with experience of PV systems (from Joju Solar or another PV install company) checks the system over **every 5 years**. We recommend that the same tests carried out in our electrical test sheet are carried out and compared to the original readings. We recommend the display also falls under this 5 year testing regime.

Access to electrical installation.
All electrical components, including the inverters would be within easy access to an electrician so no special access arrangements would be required.