

## PV Grant Programme – Daniel Pagon



Picture courtesy of solarcentury

### Key Points

- solarcentury 'sunstation' consisting of AstroPower AP 120 panels
- Mounted on frame on flat roof
- 1.44kWp installed
- Total installed cost of £9,030
- Grant value: £4,515
- Located in Ealing, West London

### Financial Information

Overall cost	£9,030
Grant value	£4,515

### Technical Information

Module	'sunstation' (consisting of AstroPower API20)
Module type	Crystalline
Inverters	SMA SWR1100
Shading	Clear of shadows for at least 12 hours in midsummer

### Anticipated Performance

Estimated kWh per year	1,080kWh
Estimated £ saved per year <sup>1</sup>	£64.80
Estimated kg CO <sub>2</sub> saved per year <sup>2</sup>	464kg

<sup>1</sup> – assumes 6p/kWh <sup>2</sup> – assumes 0.43kg/kWh

### Summary

Two years ago, when he was thinking about replacing the roof on his house, Daniel was interested in going down the solar route. Unfortunately, having investigated all the options and talked to an installer, a PV installation was prohibitively expensive. However, the installer, solarcentury, re-contacted Mr Pagon a year later with news of the new PV Grant scheme, which would make his proposed installation affordable.

solarcentury helped Daniel with the grant application, which made the whole process very simple. The installation itself took just six hours to complete, although a day of preparatory work was also involved. By 4pm on the day the work began, Daniel was enjoying electricity from solar power generated from his own system.

The panels can't be seen from the street and so have had no visual impact on the appearance of his home. There have been no maintenance issues since the PV was commissioned in December 2002. Daniel and his wife dust down the panels about every six months to ensure they remain efficient. Daniel is selling his surplus electricity to npower.

Daniel feels that we have to start somewhere and that solar panels give individuals the chance to do their bit. He sees his installation as a very long term investment – the main benefit is for the planet – and the more people who install PV, the bigger the benefits will be.

### Accredited Installer

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