

2/12/2019

Gmail - 317 Finchley Road



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1 message

Ben Mayne <ben.mayne@joju.co.uk>

23 January 2019 at 10:08

Dear Stephen and Solon,

Thanks for that chat on the phone just then. I have come up with 3 systems for you.

I have come up with 2 panel options:

1. A reliable 275W module by JA solar.
2. A good quality, mid-range, 315W module by Q Cells which is All Black in appearance. If you wanted to reduce the cost we could go for a standard 270W silver framed module or a lower output All Black module.

For the inverter I have come up with 2 types:

1. The first option uses a Solis inverter- this is a good quality inverter and perfect if there is no shade on the roof. .
2. The second 2 options use SolarEdge inverters capable of individual module optimisation. This is useful as the output of the system isn't limited by the worst performing panel (due to the shade caused by the objects on your roof). It also comes with data monitoring, so you can keep track of how each panel is performing. All this data is then sent to an online data base where you can visually see all your production, export and consumption.

Note that I haven't included scaffold costs.

Also I have used a ballasted (weighed down) mounting system to hold the panels in place. This is cheaper than a mechanically fixed mounting system but many roofs aren't strong enough to hold the weight. However, I thought I could see access to the roof and the rule of thumb is that if you can get up onto the roof, the roof should hold the ballasted mounting system. A ballasted system would be up to 40kg per square meter so you would have to check with your structural engineer regarding this.

If you have any more questions or would like to see some options with more powerful panels give me a message or a call.

All the Best

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